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MILK PRODUCTION AND DAIRY PRODUCTS

ANNUAL STATISTICAL SUMMARY

1964

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MILK PRODUCTION AND DAIRY PRODUCTS, 1964 1/

SUMMARY

A record quantity of milk was produced in the United States during 1964, by the smallest number of milk cows in 60 years. The revised estimate of 1964 milk production is 126.6 billion pounds, 1.3 percent more than the revised total of 125.0 billion pounds for 1963. The average annual rate of 7,880 pounds of milk per cow in 1964 was up 4 percent from 1963 -- the largest year-to-year gain since 1958. The extra day in 1964 (leap year) contributed to the increase from 1963 in total milk production and annual milk production per cow. On a daily-average basis, total milk production for 1964 was 1.0 percent above 1963. The annual average number of milk cows in 1964, at 16,065 thousand, was nearly 3 percent less than the 1963 average number.

All-time high records were set during 1964 in the production of 9 manufactured items. Peak output was reached for 6 cheese items: American, brick and Munster, Italian, blue mold, and cottage cheese (both creamed and curd). Total cheese production was a record, exceeding 1963 by 4 percent. Cream cheese, was second highest of record and cottage cheese (both curd and creamed) increased 2 percent. American cheese rose 5 percent; Italian, 8 percent; brick and Munster combined, 9 percent; and blue mold, 10 percent. Swiss cheese output dropped 1 percent; Limburger, 9 percent; and Neufchatel, 17 percent below the 1963 total. Creamery butter production in 1964 increased 1 percent, highest output since 1954 except in 1961 and 1962. Output of 3 frozen products advanced to new highs in 1964: ice cream and Mellorine each gained 2 percent and ice milk, 6 percent. Milk sherbet production was up 3 percent, still below previous highs set in 1943, 1944, and 1945. Evaporated whole milk production was fractionally less than in 1963, the lowest in 30 years. Canned sweetened condensed whole milk was a fifth more, highest production since 1949. Total nonfat dry milk for human food rose 3 percent and was second highest record production. Dry whole milk and dry buttermilk output was practically unchanged from a year earlier.

Dealers' buying prices for fluid milk during 1964 averaged \$5.35 per hundred-weight, 4 cents above the 1963 average. Home delivery prices per single quart in 25 major cities averaged 27.7 cents for the most common grade, up six-tenths of a cent. For milk sold out of stores in half-gallon containers, the 25-city average was 46.4 cents -- six-tenths of a cent above the 1963 average. Preliminary 1964 whole milk sales in 9 States and 72 Federal Order marketing areas were 1.2 percent more than a year earlier. Skim milk sales in 80 of these areas increased by 11 percent, while sales of milk and cream mixtures in 74 marketing areas declined 3 percent from 1963. In 75 areas, sales of other cream items declined 1 percent. The milk equivalent of 1964 sales in 75 areas was about 2 percent higher than in 1963. Milk receipts from producers in 85 marketing areas averaged 157 million pounds per day -- 3 percent greater than in 1963.

Warehouse holdings of creamery butter averaged 180 million pounds monthly during 1964, compared with 328 million during 1963. There were 244 million pounds maximum stocks on August 1, 1964, down 39 percent from the 1963 high reached on July 1. American cheese stocks also averaged lower. Average monthly holdings were 302 million pounds, 43 million less than in 1963. Average monthly supplies of fluid cream were one million pounds more than in 1963, but supplies of plastic cream were up only slightly. Holdings of evaporated and condensed milk (bulk and case goods) were about the same as 1963, averaging 8 million pounds per month during 1964.

1/ This report was prepared in the Dairy Statistics Branch under the direction of I. E. Wissinger, Chief, and agricultural statisticians W. D. Bormuth, G. G. Butler, L. W. Haynes, L. W. Wallin, and M. R. Banks.

MILK COWS AND MILK PRODUCTION, 1964

A record quantity of milk was produced in the United States during 1964, by the smallest number of milk cows in 60 years. The revised estimate of 1964 milk production is 126.6 billion pounds, 1.3 percent more than the revised total of 125.0 billion pounds for 1963. These revised estimates are based on an annual review of more complete production and utilization check data. The average annual rate of 7,880 pounds of milk per cow in 1964 was up 4 percent from 1963 -- largest year-to-year gain since 1958. The extra leap year day helped increase both total milk production and annual rate per cow. On a daily-average basis, total milk production for 1964 rose 1.0 percent. The annual average number of milk cows in 1964, at 16,065 thousand, was nearly 3 percent less than the 1963 average number. The 1964 milk production was equivalent to 659 pounds per person, down 1 pound.

During most of 1964, monthly milk production was above the corresponding months of 1963 and the largest gains were in February and December. Production dropped slightly below a year earlier in June and July. Regionally, the strongest gain above 1963 milk production was in the West North Central, up about 4 percent. Production was up more than 1 percent in the East North Central, up 0.8 percent in the Western Region, unchanged in the North Atlantic, but slightly below 1963 in the South Atlantic and South Central. Minnesota, up 7 percent, led all States in milk production gains. Arizona, Hawaii, Nevada, and South Dakota, each with an increase of 5 percent, tied for second place. Production rose 4 percent in Iowa and New Mexico, and 3 percent in Louisiana and California. As usual, Wisconsin had the largest milk production, followed by Minnesota, New York, California, and Pennsylvania. Minnesota's sharp increase was sufficient to replace New York, which had been second in 1963.

The national average rate of milk per cow in 1964 was 7,880 pounds -- 4 percent more than the 1963 average, the largest increase since 1958. Milk output per cow was more than in 1963 in all regions. Regionally, the largest gain was 6 percent in the West North Central, next was a 5-percent increase in the South Central. With an average of 10,810 pounds, California led all States in annual output per cow, followed by Arizona with 10,170 pounds. Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Michigan, Washington, Alaska, and Hawaii all had annual rates per cow above 9,000 pounds.

In June 1964, the number of milk cows was about 3 percent less than a year earlier, and in December a little over 2 percent less than the preceding December. The annual average in 1964 was 16,065 thousand milk cows, down nearly 3 percent from 1963. Milk cow numbers were lower than in 1963 in all regions, most sharply in the South Central. Milk cow numbers increased slightly in Florida and Arizona and were unchanged in South Dakota, New Mexico, and Hawaii. The annual average decreased in all other States.

Milk cows and heifers 2 years and older in the United States totaled 17,593 thousand on January 1, 1965, down 3 percent from a year earlier, the eleventh consecutive yearly decrease and the smallest number of record since 1904. Estimates by States, on page 6, include heifers 2 years and over, which have not freshened. There were 4,374 thousand dairy replacement heifers 1 to 2 years old on January 1, a loss of 4 percent from the same date last year. Heifer calves under 1 year held for milking purposes decreased 2 percent to 4,874 thousand on January 1, 1965.

Table 1.-Milk cows and milk production, United States, 1955-64 1/

Year	Milk cows on farms 2/	Production per milk cow 3/		Total milk production 3/	
		Milk	Milkfat	Quantity	Per capita
	Thousands	Pounds	Pounds	Mil. lb.	Pounds
1955.....	21,044	5,842	225	122,945	744
1956.....	20,501	6,090	233	124,860	742
1957.....	19,774	6,303	240	124,628	728
1958.....	18,711	6,585	249	123,220	708
1959.....	17,901	6,815	256	121,989	689
1960.....	17,560	7,002	263	122,951	680
1961.....	17,367	7,223	271	125,442	683
1962.....	17,050	7,391	276	126,021	675
1963.....	16,534	7,561	281	125,009	660
1964.....	16,065	7,880	292	126,598	659

1/ Includes estimates for Alaska and Hawaii beginning 1960.

2/ Average number on farms during year, excluding heifers not yet fresh.

3/ Excludes milk sucked by calves.

Table 2.-Milk cows and milk production by months, United States, average 1958-62, 1963, and 1964

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			
	Average 1958-62	1963	1964	Average 1958-62	1963	1964	Average 1958-62	1963	1964	Change from 1963
	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.	Percent
January.....	17,959	16,799	16,240	549	600	625	9,867	10,083	10,148	+0.6
February.....	17,914	16,754	16,208	526	566	613	9,421	9,479	9,937	3/+4.8
March.....	17,869	16,701	16,175	603	653	686	10,778	10,898	11,099	+1.8
April.....	17,822	16,646	16,142	622	673	705	11,088	11,207	11,383	+1.6
May.....	17,780	16,601	16,107	694	742	767	12,331	12,314	12,356	+0.3
June.....	17,738	16,555	16,078	671	716	735	11,901	11,858	11,820	-0.3
July.....	17,699	16,511	16,046	617	660	678	10,913	10,892	10,874	-0.2
August.....	17,660	16,458	16,015	573	617	639	10,114	10,155	10,235	+0.8
September....	17,622	16,413	15,990	536	583	603	9,450	9,571	9,636	+0.7
October.....	17,582	16,365	15,954	540	587	608	9,489	9,602	9,700	+1.0
November.....	17,543	16,321	15,927	516	565	591	9,054	9,218	9,419	+2.2
December.....	17,507	16,278	15,902	547	598	628	9,580	9,732	9,991	+2.7
Annual.....	17,725	16,534	16,065	6,995	7,561	7,880	123,986	125,009	126,598	3/+1.3

1/ Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Extra day in February 1964. Daily average change is +1.2 for February and +1.0 for the year.

Table 3.-Dairy cattle on farms January 1, United States, 1956-65 1/

Year	Cows and heifers 2 years old and over kept for milk 2/	Heifers 1-2 years kept for milk cows		Heifer calves under 1 year kept for milk cows		Cows and heifers eliminated during year 3/	
		Number	Per 100 cows	Number	Per 100 cows	Number	Per 100 cows
	Thousands	Thousands	Number	Thousands	Number	Thousands	Number
1956.....	22,912	5,407	23.6	5,890	25.7	5,994	26.2
1957.....	22,325	5,267	23.6	5,699	25.5	6,327	28.3
1958.....	21,265	5,126	24.1	5,571	26.2	6,259	29.4
1959.....	20,132	5,050	25.1	5,526	27.4	6,555	28.1
1960.....	19,527	5,079	26.0	5,575	28.6	5,315	27.2
1961.....	19,361	5,063	26.2	5,550	28.7	5,257	27.2
1962.....	19,167	4,965	25.9	5,418	28.3	5,453	28.4
1963.....	18,679	4,823	25.8	5,149	27.6	5,414	29.0
1964.....	18,088	4,558	25.2	4,993	27.6	5,053	27.9
1965.....	17,593	4,374	24.9	4,874	27.7		

1/ Includes estimates for Alaska and Hawaii beginning 1961.

2/ Includes 2-year old heifers not yet fresh.

3/ Cows and heifers 1 year old and over at beginning of year less cows 2 years old and over at end of year. Includes animals culled out, death losses, and farm slaughter.

Table 4.-Dairy cattle on farms January 1, by States, average 1959-63, 1964, and 1965

State and division	Cows and heifers 2 years old and over kept for milk ^{1/}			Heifers 1 to 2 years old kept for milk cows			Heifer calves under 1 year kept for milk cows		
	Average 1959-63	1964	1965	Average 1959-63	1964	1965	Average 1959-63	1964	1965
	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.
Maine.....	105	99	94	31	29	26	32	28	27
N. H.	58	53	51	16	15	14	17	15	14
Vt.	286	271	266	60	59	58	65	60	58
Mass.	100	91	88	20	19	17	21	18	17
R. I.	15	13	12	2	2	2	2	2	2
Conn.	96	85	83	21	18	16	21	18	18
N. Y.	1,382	1,338	1,325	306	297	290	310	291	291
N. J.	138	125	119	22	19	18	23	20	19
Pa.	984	949	911	247	234	223	271	260	252
N. Atl.	3,165	3,024	2,949	724	692	664	763	712	698
Ohio.....	748	677	636	185	158	147	193	161	154
Ind.	472	436	419	120	106	98	130	116	110
Ill.	636	550	517	186	160	152	217	196	192
Mich.	709	687	673	210	201	192	230	213	210
Wis.	2,407	2,378	2,378	655	655	649	684	680	657
E. N. Cent.	4,973	4,728	4,623	1,356	1,280	1,238	1,455	1,366	1,323
Minn.	1,421	1,421	1,407	418	416	409	436	424	433
Iowa.....	934	861	835	240	212	212	251	233	231
Mo.	715	633	608	178	146	143	196	180	178
N. Dak.	302	276	262	66	59	53	73	66	59
S. Dak.	275	256	256	57	52	53	82	80	81
Nebr.	348	304	301	83	66	63	90	74	73
Kans.	383	327	311	98	88	84	107	99	93
W. N. Cent.	4,377	4,078	3,980	1,140	1,039	1,017	1,234	1,156	1,148
Del.	29	26	25	7	6	5	7	5	5
Md.	230	226	219	56	52	47	57	49	45
Va.	377	348	327	93	83	78	105	97	95
W. Va.	141	122	117	30	25	24	32	27	26
N. C.	294	272	261	83	75	68	91	75	73
S. C.	120	103	98	30	27	24	34	28	27
Ga.	238	212	197	63	57	50	70	63	58
Fla.	203	184	184	50	27	27	56	30	30
S. Atl.	1,633	1,493	1,428	413	352	323	452	374	359
Ky.	559	522	501	136	122	110	141	120	117
Tenn.	534	505	495	116	100	98	124	110	107
Ala.	267	234	220	77	67	61	84	76	75
Miss.	402	322	303	109	90	85	123	109	106
Ark.	240	200	188	59	43	41	61	50	48
La.	275	255	245	65	58	55	75	70	68
Okla.	278	226	212	74	55	52	87	72	72
Tex.	631	556	523	160	128	110	187	164	148
S. Cent.	3,185	2,820	2,687	796	663	612	882	771	741
Mont.	84	74	73	18	15	14	25	22	21
Idaho.....	223	213	204	73	69	69	87	83	79
Wyo.	32	29	28	8	6	6	9	7	7
Colo.	133	120	118	37	31	30	46	40	38
N. Mex.	45	43	43	11	12	11	12	13	12
Ariz.	54	56	57	14	12	12	15	14	13
Utah.....	106	102	99	29	27	27	33	31	31
Nev.	17	17	17	7	7	7	8	8	8
Wash.	264	250	252	72	67	65	86	81	81
Oreg.	175	156	150	49	43	40	61	55	58
Calif.	894	867	867	246	239	234	271	256	254
West.	2,028	1,927	1,908	565	528	515	654	610	602
Total - 48 States.	19,362	18,070	17,575	4,993	4,554	4,369	5,440	4,989	4,871
Alaska.....	-	2.8	2.6	-	0.6	0.7	-	0.7	0.5
Hawaii.....	-	15	15	-	4	4	-	3	3
United States.....	-	18,088	17,593	-	4,558	4,374	-	4,993	4,874

^{1/} Includes 2-year old heifers not yet fresh.

Table 5.-Milk cows and milk production, by States, average 1958-62, 1963, and 1964

State and division	Milk cows on farms 1/			Annual milk per cow 2/			Annual milk production 2/			
	Average 1958-62	1963	1964	Average 1958-62	1963	1964	Average 1958-62	1963	1964	Change from 1963
	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.	Percent
Maine.....	95	90	87	7,662	8,680	8,980	725	781	781	0
N. H.	51	47	44	7,582	8,300	8,450	388	390	372	-5
Vt.	259	251	240	7,436	8,030	8,380	1,926	2,016	2,011	0
Mass.	94	87	83	8,208	9,360	9,770	772	814	811	0
R. I.	14.3	12.0	11.1	8,658	9,170	9,550	123	110	106	-4
Conn.	88	76	74	8,474	9,260	9,610	740	704	711	+1
N. Y.	1,254	1,217	1,198	8,140	8,880	9,110	10,207	10,807	10,914	+1
N. J.	130	117	112	8,888	9,690	9,770	1,156	1,134	1,094	-4
Pa.	884	848	820	7,654	8,370	8,600	6,764	7,098	7,052	-1
N. Atl.	2,869	2,745	2,669	7,950	8,690	8,937	22,802	23,854	23,852	0
Ohio.....	685	626	599	7,724	8,640	8,980	5,279	5,409	5,379	-1
Ind.	438	398	386	7,474	8,320	8,750	3,263	3,311	3,378	+2
Ill.	585	504	478	7,460	8,300	8,670	4,352	4,183	4,144	-1
Mich.	649	627	620	8,132	8,980	9,280	5,276	5,630	5,754	+2
Wis.	2,159	2,127	2,115	8,314	8,670	8,930	17,943	18,441	18,887	+2
E. N. Cent. ..	4,515	4,282	4,198	8,005	8,635	8,943	36,113	36,974	37,542	+2
Minn.	1,282	1,266	1,265	7,901	8,090	8,670	10,123	10,242	10,968	+7
Iowa.....	863	798	780	6,964	7,470	7,920	6,006	5,961	6,178	+4
Mo.	667	604	573	5,590	5,800	6,020	3,727	3,503	3,449	-2
N. Dak.	282	255	244	6,200	6,490	6,800	1,746	1,655	1,659	0
S. Dak.	253	233	233	5,658	5,860	6,180	1,427	1,365	1,440	+5
Nebr.	330	287	278	6,060	6,450	6,600	1,995	1,851	1,835	-1
Kans.	341	300	285	5,766	6,060	6,480	1,960	1,818	1,847	+2
W. N. Cent. ..	4,018	3,743	3,658	6,723	7,052	7,484	26,984	26,395	27,376	+4
Del.	27	24	23	7,006	7,500	7,700	187	180	177	-2
Md.	218	212	207	7,028	7,370	7,520	1,532	1,562	1,557	0
Va.	335	307	292	5,974	6,190	6,450	2,000	1,900	1,883	-1
W. Va.	132	112	108	5,022	5,160	5,280	661	578	570	-1
N. C.	274	250	242	5,781	6,200	6,420	1,579	1,550	1,554	0
S. C.	112	99	93	4,890	5,290	5,540	548	524	515	-2
Ga.	221	193	181	4,708	5,000	5,260	1,039	965	952	-1
Fla.	189	177	178	6,656	7,500	7,580	1,256	1,328	1,349	+2
S. Atl.	1,508	1,374	1,324	5,846	6,250	6,463	8,801	8,587	8,557	0
Ky.	508	476	455	5,022	5,530	5,800	2,550	2,632	2,639	0
Tenn.	500	476	459	4,526	4,710	4,780	2,259	2,242	2,194	-2
Ala.	249	216	205	3,934	4,210	4,410	976	909	904	-1
Miss.	372	304	284	3,466	3,820	4,000	1,282	1,161	1,136	-2
Ark.	226	190	175	4,214	4,450	4,650	949	846	814	-4
La.	238	219	211	3,620	4,240	4,520	859	929	954	+3
Okla.	261	213	199	5,648	6,300	6,550	1,466	1,342	1,303	-3
Tex.	589	519	489	5,122	5,700	6,150	2,998	2,958	3,007	+2
S. Cent.	2,943	2,613	2,477	4,548	4,982	5,229	13,339	13,019	12,951	-1
Mont.	80	70	68	5,776	6,040	6,070	461	423	413	-2
Idaho.....	201	191	185	8,008	8,350	8,200	1,612	1,595	1,517	-5
Wyo.	31	27	26	6,210	6,600	6,910	190	178	180	+1
Colo.	124	112	108	6,852	7,550	7,770	850	846	839	-1
N. Mex.	41	40	40	5,974	6,850	7,100	247	274	284	+4
Ariz.	50	51	52	9,190	9,900	10,170	458	505	529	+5
Utah.....	95	90	86	8,006	8,370	8,490	759	753	730	-3
Nev.	15.0	14.6	14.3	7,390	8,360	8,950	111	122	128	+5
Wash.	235	222	216	8,326	8,960	9,260	1,956	1,989	2,000	+1
Oreg.	161	144	137	6,982	7,250	7,310	1,122	1,044	1,001	-4
Calif.	822	798	790	9,780	10,400	10,810	8,031	8,299	8,540	+3
West.	1,855	1,760	1,722	8,523	9,107	9,385	15,796	16,028	16,161	+1
Alaska.....	3/2.7	2.6	2.5	3/8,140	8,830	9,080	3/22.0	23.0	22.7	-1
Hawaii.....	3/14.0	14.1	14.1	3/9,217	9,140	9,640	3/130	129	136	+5
U. S.....	17,725	16,534	16,065	6,995	7,561	7,880	123,986	125,009	126,598	+1.3

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Short-time average.

Table 6.-Milk Production, by States and months, 1963

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
M i l l i o n p o u n d s													
Maine..	63	57	64	66	71	74	70	67	65	63	59	62	781
N. H..	34	30	34	34	37	37	33	31	30	30	29	31	390
Vt....	164	147	173	181	198	199	170	158	157	159	150	160	2,016
Mass..	70	64	71	71	76	70	68	66	64	65	63	66	814
R. I..	9.2	8.5	9.6	9.6	10.2	9.7	9.3	9.2	8.8	8.9	8.4	8.6	110
Conn..	61	55	62	60	64	60	56	59	57	57	55	58	704
N. Y..	925	844	980	996	1,075	1,034	866	805	801	824	797	860	10,807
N. J..	98	91	103	101	110	97	90	90	88	89	86	91	1,134
Pa....	592	543	653	641	724	646	575	568	546	541	525	544	7,098
Ohio..	444	405	458	467	531	495	468	454	424	423	410	430	5,409
Ind....	242	246	277	284	323	314	308	291	271	262	250	243	3,311
Ill....	340	315	350	359	416	402	380	351	322	316	307	325	4,183
Mich..	464	424	473	484	522	511	477	462	450	467	442	454	5,630
Wis...	1,495	1,420	1,653	1,703	1,874	1,861	1,553	1,381	1,316	1,379	1,335	1,471	18,441
Minn..	946	914	1,046	1,020	1,082	1,012	822	645	563	632	702	858	10,242
Iowa..	461	455	507	525	600	591	549	492	447	449	427	458	5,961
Mo....	246	239	278	313	363	367	347	320	298	266	238	228	3,503
N.Dak.	127	128	144	155	179	179	170	144	114	105	98	112	1,655
S.Dak.	100	104	118	118	135	139	135	115	105	99	94	103	1,365
Nebr..	142	132	155	168	186	180	172	160	144	141	129	142	1,851
Kans...	140	132	155	163	173	160	155	150	147	148	149	146	1,818
Del...	14.5	13.4	15.5	16.6	18.2	15.6	15.4	15.0	14.4	14.1	13.3	14.0	180
Md....	124	117	131	129	149	131	130	137	134	133	122	125	1,562
Va....	148	131	147	157	178	170	172	172	167	160	152	146	1,900
W. Va.	45	41	46	47	54	56	55	50	48	49	45	42	578
N. C..	120	113	130	131	137	134	138	133	132	128	126	128	1,550
S. C..	46	40	45	47	46	42	43	43	42	44	43	43	524
Ca....	77	71	82	85	85	85	88	83	81	80	74	74	965
Fla...	116	107	119	117	115	106	104	102	104	111	111	116	1,328
Ky....	170	165	196	221	268	265	264	272	243	211	180	177	2,632
Tenn..	147	138	169	197	228	224	233	225	203	181	150	147	2,242
Ala...	70	63	67	76	86	84	84	83	80	76	69	71	909
Miss...	87	78	90	102	111	107	111	108	102	95	84	86	1,161
Ark....	59	57	66	75	87	86	84	80	72	63	60	57	846
La....	78	67	77	82	79	70	76	78	81	84	77	80	929
Okla..	100	101	112	122	127	124	122	113	111	108	102	100	1,342
Tex...	246	225	259	267	267	248	249	244	240	242	232	239	2,958
Mont..	32	31	34	35	44	44	41	37	32	32	31	30	423
Idaho.	124	120	139	142	157	156	145	136	126	121	112	117	1,595
Wyo...	12.5	12.3	13.5	14.0	16.6	18.6	18.3	16.0	14.7	14.4	13.4	13.7	178
Colo..	70	66	73	74	77	74	73	72	66	68	66	67	846
N.Mex.	21	20	22	23	25	24	24	23	22	24	23	23	274
Ariz..	42	40	45	45	46	43	41	40	39	42	40	42	505
Utah..	62	57	65	66	70	66	65	63	60	61	58	60	753
Nev....	9.7	9.2	10.2	10.4	10.9	10.6	10.9	10.6	10.1	10.1	9.6	9.7	122
Wash..	146	141	157	175	200	193	178	173	161	159	153	153	1,989
Oreg..	71	67	86	101	114	109	105	96	83	77	69	66	1,044
Calif.	668	622	725	719	756	722	737	720	673	678	637	642	8,299
Alaska	1.88	1.77	1.90	1.86	1.90	2.03	2.14	2.04	1.92	1.86	1.76	1.94	23.0
Hawaii	11.8	10.5	11.5	10.6	10.9	10.1	10.2	10.2	10.4	10.9	10.8	11.1	129
U.S.	10,083	9,479	10,898	11,207	12,314	11,858	10,892	10,155	9,571	9,602	9,218	9,732	125,009

Table 7.-Milk Production, by States and months, 1964

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
M i l l i o n p o u n d s													
Maine..	63	59	64	67	72	73	70	67	65	62	58	61	781
N. H..	31	29	33	33	35	35	31	30	28	29	28	30	372
Vt....	162	151	175	180	199	194	164	160	154	159	151	162	2,011
Mass..	69	65	71	70	74	70	66	66	64	65	64	67	811
R. I..	9.0	8.6	9.4	9.2	9.7	9.2	8.9	8.7	8.2	8.4	8.2	8.5	106
Conn..	58	55	61	60	65	60	58	60	58	59	57	60	711
N. Y..	904	868	984	1,004	1,096	1,027	857	809	803	834	823	905	10,914
N. J..	94	90	100	99	105	93	88	88	83	84	82	88	1,094
Pa. ..	580	560	644	634	707	636	569	571	543	537	524	547	7,052
Ohio..	439	422	464	464	519	487	468	447	423	422	401	423	5,379
Ind...	248	254	287	288	322	313	311	295	280	272	258	250	3,378
Ill...	338	327	367	373	412	388	365	332	309	307	308	318	4,144
Mich..	466	448	484	497	527	514	483	477	464	477	457	460	5,754
Wis...	1,544	1,523	1,747	1,787	1,904	1,861	1,576	1,406	1,311	1,375	1,351	1,502	18,887
Minnn..	1,006	1,012	1,116	1,088	1,138	1,056	848	696	611	683	778	936	10,968
Iowa...	488	495	536	555	613	593	549	494	455	458	450	492	6,178
Mo....	242	250	276	306	351	356	343	314	292	266	231	222	3,449
N.Dak.	128	137	150	155	175	173	165	146	117	106	97	110	1,659
S.Dak.	118	121	130	126	140	142	135	118	105	97	98	110	1,440
Nebr..	143	139	155	169	182	175	170	158	138	138	127	141	1,835
Kans..	146	145	157	162	173	161	159	152	144	149	149	150	1,847
Del...	14.3	13.6	15.3	16.3	17.8	15.3	14.8	14.6	14.4	14.0	13.0	13.6	177
Md....	128	123	133	127	146	129	128	136	134	130	121	122	1,557
Va....	148	138	145	153	176	164	169	173	163	161	149	144	1,883
W. Va.	44	42	46	47	53	52	50	47	47	47	45	45	570
N. C..	119	117	128	132	140	132	134	136	134	129	125	128	1,554
S. C..	43	41	45	45	45	41	43	43	42	42	42	43	515
Ga....	73	72	83	83	83	81	85	83	81	80	73	75	952
Fla...	117	112	123	119	118	108	108	105	105	111	109	114	1,349
Ky....	171	166	203	228	266	265	264	267	235	211	183	180	2,639
Tenn...	142	137	157	189	218	215	217	222	207	185	157	148	2,194
Ala...	68	63	69	77	84	82	82	80	79	77	70	73	904
Miss...	86	79	89	100	106	103	105	104	100	93	84	87	1,136
Ark...	54	55	62	71	84	82	77	77	70	63	61	58	814
La....	78	73	81	84	82	74	75	79	83	80	81	84	954
Okla...	102	104	108	115	119	117	114	109	107	105	102	101	1,303
Tex...	247	236	264	270	271	252	251	244	245	249	236	242	3,007
Mont..	31	31	33	34	42	43	41	36	32	31	30	29	413
Idaho...	117	115	127	132	146	148	142	131	119	115	109	116	1,517
Wyo...	13.0	12.9	13.6	14.5	16.7	18.8	18.6	16.2	15.1	14.4	12.9	13.3	180
Colo...	67	67	72	72	75	72	72	71	68	67	67	69	839
N.Mex.	23	22	24	24	25	24	24	24	23	24	23	24	284
Ariz...	43	42	46	46	47	44	42	43	43	45	43	45	529
Utah...	59	56	61	62	66	65	63	62	59	60	58	59	730
Nev...	9.6	9.3	10.3	10.5	11.3	11.1	11.3	11.1	10.7	11.3	10.7	10.8	128
Wash...	145	143	150	168	200	197	181	171	164	167	156	158	2,000
Oreg...	66	65	80	96	110	106	100	92	80	74	67	65	1,001
Calif.	651	632	707	729	776	749	763	747	707	713	678	688	8,540
Alaska	1.96	1.81	1.85	1.81	1.90	2.06	2.02	1.96	1.92	1.85	1.70	1.86	22.7
Hawaii	11.0	10.3	11.2	11.0	11.6	11.3	11.8	11.6	11.3	11.8	11.5	11.6	136
U.S.	10,148	9,937	11,099	11,383	12,356	11,820	10,874	10,235	9,636	9,700	9,449	9,991	126,598

MANUFACTURED DAIRY PRODUCTS, 1964

United States production of nine manufactured dairy products in 1964 was at a record high level, according to the Crop Reporting Board. There were all-time high records in the production of the following cheese items: American, brick and Munster, Italian, blue mold, and cottage cheese (both creamed and curd). The manufacture of ice cream, ice milk, and Mellorine also reached new records. Cream cheese and nonfat dry milk were second highest of record.

Total cheese production in 1964, at 1,703 million pounds, was a record high, exceeding both the previous year and the last record, in 1961, by 4 percent. American cheese, accounting for over two-thirds of total cheese, was 5 percent above 1963 production, and a new record. Wisconsin, with 45 percent of the Nation's total, was the leading State in production of American cheese. Output of Swiss cheese in 1964 was 119 million pounds, down 1 percent from 1963 but the 5th largest output of record. Brick and Munster cheese, at a new record high of 52 million pounds, was 9 percent more than in 1963. Italian cheese made in the United States, at 207 million pounds, was 8 percent more than a year earlier and the 13th consecutive annual record. Blue mold cheese production totaled 17 million pounds -- 10 percent more than in 1963 and a record high. "Other miscellaneous" varieties of cheese, at 28 million pounds, were off 4 percent from 1963. Creamed cottage cheese production was 814 million pounds, up 2 percent from the year before and the 18th consecutive annual record high. Cottage cheese curd output was 613 million pounds -- 2 percent above 1963 and a new high.

Creamery butter production in 1964 totaled 1,434 million pounds, up 1 percent from 1963 and except for 1961 and 1962, the highest output since 1954. Minnesota had 26 percent of the Nation's total butter output, the leading State in production of this item; Wisconsin with 22 percent was second. Limburger cheese in 1964 totaled 3.0 million pounds -- off 9 percent from the year before and the lowest production of record. Cream cheese production was 110 million pounds -- up 2 percent from 1963 and the 2nd highest total of record. Neufchatel cheese output, at 6.3 million pounds, dropped 17 percent from a year earlier, and, except for 1962, was the lowest production in the nine most recent years.

Ice cream production of 732 million gallons in 1964 was an all-time high, 2 percent above the previous record in 1963. Ice milk output was 216 million gallons -- a gain of 6 percent, an all-time high, and the 20th consecutive annual increase. Production of milk sherbet, 43 million gallons, was up 3 percent from 1963, but down from the record highs set in 1943, 1944, and 1945. Mellorine production totaled 51 million gallons in 1964 -- 2 percent above the year before and the highest of record in 13 years.

Evaporated whole milk production, at 1,888 million pounds, was fractionally below 1963 and the smallest volume since 1935. Output of canned sweetened condensed whole milk, at 95.0 million pounds, was 20 percent more than the year before, the 6th consecutive annual gain, and the largest output since 1949. Total nonfat dry milk for human food, at 2,150 million pounds, increased 3 percent from 1963 and was the 2nd highest annual production of record. Dry whole milk output was 91 million pounds, practically unchanged from a year earlier. Dry buttermilk production, at 86.1 million pounds, was a little below 1963.

Table 8.-Creamery butter, American cheese and ice cream: Production, by States, 1963-64

State and division	Creamery butter		American cheese		Ice cream	
	1963	1964	1963	1964	1963	1964
	Enumeration	Estimate	Enumeration	Estimate	Enumeration	Estimate
	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 gallons</u>	<u>1,000 gallons</u>
Maine	88	1/	-	-	6,078	1/
N.H.	-	-	-	-	1,189	1/
Vt.	10,024	8,005	6,004	1/	340	1/
Mass.	1/	1/	-	-	31,381	31,980
R. I.	-	-	-	-	2,888	1/
Conn.	-	-	-	-	8,445	9,065
N. Y.	60,303	48,820	32,768	35,760	76,054	79,970
N. J.	1/	1/	1/	1/	20,665	20,165
Pa.	19,932	15,850	2,640	1/	71,102	72,070
Other N. A. States ...	37	85	175	9,960	-	10,720
N. Atl.	90,384	72,760	41,587	45,720	218,142	223,970
Ohio	36,525	31,370	14,261	13,165	40,894	40,250
Ind.	26,786	27,500	33,239	31,050	29,725	30,670
Ill.	26,678	26,870	27,165	25,205	39,537	40,750
Mich.	50,605	53,120	29,649	29,860	33,204	34,570
Wis.	308,517	318,640	483,013	519,370	24,154	24,000
E. N. Cent.	449,111	457,500	587,327	618,650	167,514	170,240
Minn.	346,978	373,795	57,072	61,835	20,722	21,535
Iowa	160,035	169,000	63,215	75,910	9,696	10,635
Mo.	39,612	37,575	91,904	93,950	16,493	17,565
N. Dak.	48,692	50,105	13,468	14,005	2,799	4,825)
S. Dak.	33,381	34,310	19,236	22,510	2,039	)
Nebr.	50,792	47,400	5,556	7,840	8,925	10,125
Kans.	22,791	23,220	14,402	17,330	6,296	5,480
W. N. Cent.	702,281	735,405	264,853	293,380	66,970	70,165
D. C.	-	-	-	-	7,231	7,320
Del.	-	-	-	-	5,291	1/
Md.	7,474	6,720	-	-	13,142	13,800
Va.	2,470	1,490	1/	1/	13,157	12,930
W. Va.	1/	1/	-	-	4,493	5,355
N. C.	16	1/	1/	1/	14,806	15,020
S. C.	427	1/	-	-	3,179	1/
Ga.	251	1/	1/	1/	8,039	8,665
Fla.	-	-	-	-	19,657	18,080
Other S. Atl. States..	100	705	8,142	7,810	-	8,320
S. Atl.	10,738	8,915	8,142	7,810	88,995	89,490
Ky.	16,478	15,450	63,964	60,650	4,998	1/
Tenn.	8,597	7,880	35,853	34,020	14,359	14,345
Ala.	1/	1/	3,418	3,065	8,191	8,120
Miss.	3,197	2,450	11,616	10,610	3,390	1/
Ark.	1/	1/	13,045	10,945	2,760	1/
La.	1/	1/	156	1/	7,155	6,645
Okla.	11,328	11,505	7,156	5,020	5,493	5,575
Tex.	3,363	4,085	3,963	4,610	22,714	24,240
Other S. Cent. States.	4,626	1,995	-	210	-	11,605
S. Cent.	47,589	43,365	139,171	129,130	69,060	70,530
Mont.	3,714	3,670	3,236	2,915	2,119	1/
Idaho	33,543	28,985	32,604	33,245	3,169	1/
Wyo.	2,465	2,540	1/	1/	466	1/
Colo.	7,767	7,750	943	1/	8,508	8,305
N. Mex.	1/	1/	-	-	1,346	1/
Ariz.	1/	1/	-	-	3,214	1/
Utah	7,362	6,160	5,546	6,090	4,351	1/
Nev.	1/	1/	1/	1/	693	1/
Other Mount. States ..	474	85	75	340	-	15,685
Mountain	55,325	49,190	42,404	42,590	23,866	23,990
Wash.	22,368	23,490	3,824	3,485	13,347	13,300
Oreg.	9,829	10,435	18,908	18,060	5,827	5,835
Calif.	32,520	33,125	2,135	1,720	60,718	62,670
Pac.	64,717	67,050	24,867	23,265	79,892	81,805
U. S. 2/	1,420,149	1,434,185	1,108,351	1,160,545	716,688	732,460

1/Production data for this State are included in "Other States" and the total for this region.

2/Includes Alaska and Hawaii for butter and ice cream.

Table 9.-Specified dairy products: Production, United States, by months, 1960-64 1/

Month	Ice cream						Ice milk					
	1960	1961	1962	1963	1964	1964 chge. from 1963	1960	1961	1962	1963	1964	1964 chge. from 1963
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	Per- cent	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	Per- cent
Jan. ..	44,469	44,310	45,651	47,228	48,595	+ 3	6,397	7,079	7,900	8,983	10,205	+ 14
Feb. ..	48,066	45,459	47,386	46,812	50,435	+ 8	7,092	7,697	9,193	9,920	11,125	+ 12
Mar. ..	53,679	59,043	55,748	55,605	57,845	+ 4	9,102	11,331	12,659	13,877	14,655	+ 6
Apr. ..	58,335	53,378	58,181	61,984	58,975	- 5	12,661	12,555	15,778	17,553	18,075	+ 3
May....	64,119	64,350	66,325	66,653	65,485	- 2	14,825	16,292	20,927	21,811	22,140	+ 2
June...	74,340	73,226	71,453	70,418	73,820	+ 5	17,963	20,255	23,266	24,481	26,035	+ 6
July...	72,682	73,019	75,470	78,499	79,920	+ 2	18,831	21,568	24,888	27,221	29,060	+ 7
Aug. ..	76,035	76,361	75,472	75,643	73,920	- 2	18,995	22,051	24,712	26,310	25,505	- 3
Sept. ..	65,154	64,405	60,675	60,695	66,295	+ 9	14,815	16,553	17,346	18,756	19,955	+ 6
Oct. ..	51,481	54,275	56,008	58,832	57,195	- 3	10,218	12,052	13,697	15,829	15,770	0
Nov. ..	47,260	47,732	48,216	48,755	50,765	+ 4	7,720	9,119	9,756	10,731	12,415	+ 16
Dec. ..	43,985	43,818	43,843	45,564	49,210	+ 8	6,558	7,427	8,018	8,903	10,770	+ 21
Year...	699,605	699,376	704,428	716,688	732,460	+ 2	145,177	163,979	188,140	204,375	215,710	+ 6
	Milk sherbet						Mellorine					
Jan. ..	1,880	1,990	2,085	2,213	2,335	+ 6	2,537	2,825	2,987	3,058	3,255	+ 6
Feb. ..	2,072	2,073	2,155	2,131	2,305	+ 8	2,913	3,066	3,401	3,151	3,450	+ 9
Mar. ..	2,613	3,108	2,813	2,997	3,080	+ 3	3,454	4,044	3,905	4,197	4,055	- 3
Apr. ..	3,510	3,212	3,477	3,775	3,595	- 5	3,830	3,948	4,194	4,453	4,400	- 1
May....	4,362	4,516	4,759	4,426	4,480	+ 1	4,350	4,737	5,164	5,047	4,750	- 6
June...	5,451	5,243	5,252	5,030	5,370	+ 7	5,339	5,277	5,475	5,018	5,555	+ 11
July...	5,612	5,189	5,426	6,083	6,290	+ 3	4,921	5,373	5,828	5,636	5,970	+ 6
Aug. ..	5,236	5,148	4,973	5,184	5,030	- 3	5,118	5,449	5,883	5,632	5,485	- 3
Sept. ..	3,798	3,599	3,305	3,154	3,610	+ 14	4,375	4,314	4,191	4,508	4,745	+ 5
Oct. ..	2,417	2,581	2,511	2,996	2,765	- 8	3,384	3,780	4,158	4,446	3,905	- 12
Nov. ..	1,970	2,017	2,048	2,231	2,450	+ 10	2,738	2,812	2,876	2,925	3,080	+ 5
Dec. ..	1,813	1,724	1,847	1,963	2,145	+ 9	2,255	2,400	2,532	2,434	2,630	+ 8
Year...	40,734	40,400	40,651	42,183	43,455	+ 3	45,214	48,025	50,594	50,505	51,280	+ 2
	Creamery butter (including whey butter)						Total cheese 2/					
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
Jan. ..	117,918	119,816	143,149	132,988	128,840	- 3	102,172	122,355	119,165	116,759	125,875	+ 8
Feb. ..	118,997	115,866	131,364	122,345	123,470	+ 1	104,080	114,689	112,591	109,663	123,950	+ 13
Mar. ..	130,270	130,754	149,626	135,518	139,355	+ 3	122,728	140,933	130,643	131,199	145,790	+ 11
Apr. ..	128,032	134,299	146,812	140,276	142,710	+ 2	133,343	146,957	142,636	147,213	151,965	+ 3
May....	147,951	154,113	166,621	156,254	153,535	- 2	158,125	174,800	169,902	172,786	176,430	+ 2
June...	139,674	152,717	151,636	142,579	142,890	0	157,938	178,104	168,657	176,618	175,300	- 1
July...	114,902	127,505	121,787	114,132	110,720	- 3	134,346	149,523	145,690	150,546	150,995	0
Aug. ..	96,455	108,131	103,720	95,155	95,810	+ 1	121,015	134,711	132,643	139,309	140,780	+ 1
Sept. ..	82,499	94,794	91,416	85,549	86,445	+ 1	108,036	119,588	119,115	124,946	128,930	+ 3
Oct. ..	93,405	110,092	107,653	91,779	94,960	+ 3	110,747	120,590	120,511	121,786	128,535	+ 6
Nov. ..	93,888	109,947	105,385	91,944	96,085	+ 5	105,791	111,335	111,452	114,839	122,285	+ 6
Dec. ..	108,910	126,092	117,974	111,630	119,365	+ 7	119,652	120,920	119,017	125,774	132,140	+ 5
Year...	1,372,901	1,537,143	1,434,185	1,434,185	1,434,185		1,477,973	1,592,022	1,702,975	1,702,975	1,702,975	+ 4
	1,484,126	1,420,149	1,420,149	1,420,149	1,420,149	+ 1	1,634,505	1,631,438	1,631,438	1,631,438	1,631,438	

See footnotes at end of table.

Table 9.-Specified dairy products: Production, United States, by months, 1960-64 1/--Continued

Month	American cheese 3/						Swiss cheese					
	1960	1961	1962	1963	1964	1964 chge. from 1963	1960	1961	1962	1963	1964	1964 chge. from 1963
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Per- cent	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Per- cent
Jan. ...	62,758	82,485	78,351	75,279	82,435	+ 10	9,016	9,402	9,122	8,510	8,425	- 1
Feb. ...	66,116	77,244	74,229	71,364	81,450	+ 14	8,656	9,005	8,436	8,346	8,490	+ 2
Mar. ...	79,781	95,161	86,501	85,471	96,480	+ 13	9,610	10,709	9,029	9,885	9,750	- 1
Apr. ...	92,708	105,711	99,768	102,461	106,525	+ 4	9,978	10,841	9,039	10,688	10,255	- 4
May	115,113	129,157	127,684	126,498	128,330	+ 1	12,482	12,776	11,088	12,569	12,050	- 4
June ...	114,853	134,175	127,006	129,918	128,140	- 1	12,305	13,134	11,052	12,547	12,440	- 1
July ...	96,343	112,456	106,851	109,802	108,690	- 1	11,531	10,767	9,569	11,281	11,170	- 1
Aug. ...	84,328	98,320	92,822	97,972	97,685	0	10,615	9,796	9,178	10,572	10,025	- 5
Sept. ...	71,506	84,270	80,919	83,970	86,675	+ 3	9,609	8,647	8,465	9,760	9,425	- 3
Oct. ...	70,150	80,512	77,796	77,911	83,620	+ 7	9,530	8,606	8,552	9,219	9,185	0
Nov. ...	66,292	71,865	69,687	70,755	76,905	+ 9	8,555	8,038	7,771	8,209	8,560	+ 4
Dec. ...	76,170	77,405	72,873	76,950	83,610	+ 9	9,194	8,787	8,111	8,320	8,840	+ 6
Year ...	996,118	1,148,761	1,088,351	1,094,487	1,160,545	+ 5	121,081	120,508	109,412	119,906	118,615	- 1
	Brick and Munster cheese						Limburger cheese					
Jan. ...	4,372	4,107	4,264	4,032	4,490	+ 11	302	258	330	287	335	+ 17
Feb. ...	4,127	3,659	3,467	3,607	4,530	+ 26	249	226	281	262	260	- 1
Mar. ...	4,241	4,331	4,412	4,397	5,100	+ 16	295	255	314	262	265	+ 1
Apr. ...	4,269	3,916	4,316	4,161	4,815	+ 16	286	256	280	212	205	- 3
May	4,688	4,139	4,464	4,334	4,635	+ 7	330	225	343	264	220	- 17
June ...	4,624	3,700	3,693	4,305	4,370	+ 2	296	263	258	282	200	- 29
July ...	4,131	3,542	3,242	3,682	4,240	+ 15	237	230	202	248	190	- 23
Aug. ...	3,674	3,337	3,589	3,683	4,310	+ 17	216	303	269	238	230	- 3
Sept. ...	3,835	3,511	3,410	3,606	3,650	+ 1	286	249	316	293	215	- 27
Oct. ...	4,191	4,322	3,983	4,119	4,100	0	298	342	360	320	260	- 19
Nov. ...	4,116	3,924	4,019	3,961	3,725	- 6	302	357	308	307	295	- 4
Dec. ...	4,037	4,186	3,869	4,122	4,370	+ 6	339	344	335	280	290	+ 4
Year ...	50,305	46,674	46,728	48,009	52,335	+ 9	3,436	3,308	3,616	3,255	2,965	- 9
	Cream cheese						Neufchatel cheese					
Jan. ...	8,294	8,084	8,790	9,429	8,410	- 11	858	854	653	823	800	- 3
Feb. ...	7,913	7,600	8,898	8,045	8,335	+ 4	614	578	445	585	590	+ 1
Mar. ...	10,225	9,586	10,269	9,789	10,380	+ 6	586	667	655	552	590	+ 7
Apr. ...	7,115	7,656	9,032	7,828	7,655	- 2	563	662	550	459	480	+ 5
May	7,253	8,633	7,339	7,897	8,825	+ 12	527	827	315	583	405	- 31
June ...	8,178	7,802	8,190	9,335	8,470	- 9	528	641	354	689	460	- 33
July ...	6,581	6,551	8,816	6,900	6,705	- 3	460	449	261	743	450	- 39
Aug. ...	6,849	7,481	9,561	7,908	8,160	+ 3	384	483	261	568	420	- 26
Sept. ...	7,477	7,855	9,043	8,256	8,610	+ 4	504	557	338	465	390	- 16
Oct. ...	8,746	9,613	11,379	9,249	10,705	+ 16	902	705	395	858	530	- 38
Nov. ...	9,597	10,019	11,384	10,858	11,315	+ 4	716	429	415	580	565	- 3
Dec. ...	10,867	11,262	13,906	12,337	12,240	- 1	700	519	439	679	590	- 13
Year ...	99,095	102,142	116,607	107,831	109,810	+ 2	7,342	7,371	5,081	7,584	6,270	- 17

See footnotes at end of table.

Table 9.--Specified dairy products: Production, United States, by months, 1960-64 1/--Continued

Month	Italian cheese						Blue mold cheese					1964 chge. from 1963
	1960	1961	1962	1963	1964	1964 chge. from 1963	1960	1961	1962	1963	1964	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Per- cent	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Per- cent
Jan. ...	13,141	13,610	14,293	14,572	17,030	+ 17	1,316	1,352	1,286	1,412	1,420	+ 1
Feb. ...	12,888	12,798	13,244	13,911	16,565	+ 19	1,260	1,564	1,173	1,250	1,305	+ 4
Mar. ...	14,202	16,221	15,419	16,604	18,990	+ 14	1,368	1,411	1,246	1,377	1,430	+ 4
Apr. ...	14,870	13,942	15,971	17,470	17,950	+ 3	1,281	1,281	1,225	1,289	1,330	+ 3
May ...	13,838	14,914	15,163	17,118	18,030	+ 5	1,357	1,336	1,272	1,398	1,605	+ 15
June ...	13,438	14,532	14,512	16,161	17,590	+ 9	1,285	1,437	1,248	1,342	1,495	+ 11
July ...	11,887	12,033	13,250	14,847	16,200	+ 9	1,146	1,309	1,118	1,202	1,330	+ 11
Aug. ...	11,710	11,707	13,387	14,894	16,555	+ 11	1,137	1,328	952	1,191	1,285	+ 8
Sept. ...	11,506	11,141	13,137	15,021	16,570	+ 10	1,064	1,439	1,062	1,178	1,315	+ 12
Oct. ...	12,932	13,014	14,110	16,068	16,510	+ 3	1,357	1,236	1,252	1,179	1,405	+ 19
Nov. ...	12,558	13,086	13,960	16,143	17,140	+ 6	1,235	1,246	1,271	1,226	1,460	+ 19
Dec. ...	14,563	14,801	15,556	19,040	18,280	- 4	1,363	1,266	1,402	1,372	1,565	+ 14
Year ...	157,533	161,799	172,002	191,849	207,410	+ 8	15,169	16,205	14,507	15,416	16,945	+ 10
	Other varieties of cheese 2/ 4/						Cottage cheese curd					
Jan. ...	2,115	2,203	2,076	2,415	2,530	+ 5	45,439	45,462	46,009	47,926	48,025	0
Feb. ...	2,257	2,015	2,418	2,293	2,425	+ 6	48,057	49,284	45,749	47,798	53,970	+ 13
Mar. ...	2,420	2,592	2,798	2,862	2,805	- 2	58,326	55,949	58,573	57,782	56,795	- 2
Apr. ...	2,273	2,692	2,455	2,645	2,750	+ 4	52,736	49,227	52,952	52,741	52,525	0
May ...	2,537	2,793	2,234	2,125	2,330	+ 10	53,649	53,164	54,829	54,492	54,370	0
June ...	2,431	2,420	2,344	2,039	2,135	+ 5	52,618	51,116	51,228	50,473	54,765	+ 9
July ...	2,030	2,186	2,381	1,841	2,020	+ 10	50,329	49,160	49,712	52,767	54,010	+ 2
Aug. ...	2,102	1,956	2,624	2,283	2,110	- 8	50,518	48,905	49,906	50,699	50,010	- 1
Sept. ...	2,249	1,919	2,425	2,397	2,080	- 13	47,932	45,609	45,743	46,842	49,690	+ 6
Oct. ...	2,641	2,240	2,664	2,863	2,220	- 22	47,257	46,204	47,752	49,765	49,470	- 1
Nov. ...	2,420	2,371	2,637	2,800	2,320	- 17	44,251	43,088	45,050	45,438	45,235	0
Dec. ...	2,419	2,350	2,526	2,674	2,355	- 12	42,503	40,832	42,569	42,372	43,735	+ 3
Year ...	27,894	27,737	29,582	29,237	28,080	- 4	593,615	578,000	590,072	599,095	612,600	+ 2
	Creamed cottage cheese						Evaporated whole milk					
Jan. ...	58,800	60,563	61,377	62,816	64,065	+ 2	132,744	135,238	118,155	136,898	140,300	+ 2
Feb. ...	61,293	66,670	60,553	62,969	72,105	+ 15	137,216	132,113	119,063	124,211	141,500	+ 14
Mar. ...	76,200	75,418	78,994	76,154	75,445	- 1	159,276	181,533	150,015	149,643	150,000	0
Apr. ...	68,784	65,013	70,704	69,885	68,160	- 2	202,638	207,083	178,487	181,138	160,800	- 11
May ...	68,108	70,310	72,959	71,618	70,065	- 2	264,971	268,187	227,493	211,503	208,500	- 1
June ...	67,627	68,215	68,202	67,002	72,265	+ 8	245,100	253,183	216,095	208,104	202,000	- 3
July ...	65,757	65,887	65,842	71,017	72,655	+ 2	222,596	213,421	191,733	184,436	184,000	0
Aug. ...	65,855	65,830	66,660	68,120	66,865	- 2	202,802	188,443	170,508	175,209	174,000	- 1
Sept. ...	63,323	61,638	60,728	62,265	66,880	+ 7	170,906	157,407	138,739	140,327	151,000	+ 8
Oct. ...	61,333	61,400	63,609	66,407	66,805	+ 1	160,250	138,073	142,758	129,720	132,500	+ 2
Nov. ...	57,594	57,702	58,794	60,473	60,550	0	139,178	117,236	132,129	122,160	115,500	- 5
Dec. ...	55,610	55,432	55,299	56,282	58,090	+ 3	139,590	125,550	143,659	133,929	127,800	- 5
Year ...	770,284	774,078	783,721	795,008	813,950	+ 2	2,177,267	1,928,834	1,887,900	1,897,278	1,887,900	0

See footnotes at end of table.

Table 9.-Specified dairy products: Production, United States,
by months, 1960-64 1/ -- Continued

Month	Condensed whole milk (case goods)						Dry whole milk					
	1960	1961	1962	1963	1964	1964 chge. from 1963	1960	1961	1962	1963	1964	1964 chge. from 1963
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Per- cent	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Per- cent
Jan.	4,783	6,407	6,100	4,965	6,000	+ 21	8,289	6,566	8,739	9,129	7,600	-17
Feb.	4,998	5,669	5,549	4,469	5,600	+ 25	7,307	6,111	5,851	8,589	6,600	-23
Mar.	6,115	5,931	4,393	6,228	6,700	+ 8	8,747	6,845	6,619	7,930	7,300	- 8
Apr.	6,712	5,753	5,200	6,899	10,700	+ 55	8,523	6,185	7,599	6,474	7,800	+20
May.	6,271	6,878	8,257	8,112	10,000	+ 23	9,179	7,438	10,073	8,124	7,400	- 9
June.	5,723	5,702	6,846	7,723	7,200	- 7	8,791	7,503	8,414	7,647	6,600	-14
July.	5,724	5,604	4,710	9,202	8,300	- 10	6,709	6,501	4,924	7,365	6,800	- 8
Aug.	5,455	5,932	6,547	9,565	8,750	- 9	6,999	6,527	5,883	8,095	7,500	- 7
Sept.	5,695	5,322	5,828	6,852	6,850	0	8,195	5,454	6,048	7,576	8,000	+ 6
Oct.	6,038	6,004	7,899	3,897	7,800	+100	9,023	7,686	6,787	7,137	9,300	+30
Nov.	5,517	5,232	6,889	4,029	6,600	+ 64	8,465	7,564	7,809	6,667	8,100	+21
Dec.	4,799	5,403	5,844	7,015	10,500	+ 50	7,771	7,315	7,371	6,282	8,400	+34
Year	67,830	69,837	74,062	78,956	95,000	+ 20	97,998	81,695	86,117	91,015	91,400	0
	Spray-dried nonfat milk for human food						Total nonfat dry milk for human food					
Jan.	140,294	138,367	174,583	168,829	170,000	+ 1	151,259	147,284	185,638	176,307	176,900	0
Feb.	146,401	137,777	170,172	162,072	174,000	+ 7	157,876	146,605	179,954	168,273	181,000	+ 8
Mar.	157,097	167,159	196,038	187,286	199,000	+ 6	170,018	178,251	206,294	194,714	206,700	+ 6
Apr.	168,762	181,191	205,250	204,206	209,000	+ 2	184,251	194,511	217,330	214,027	217,700	+ 2
May.	200,791	212,608	243,315	235,833	238,000	+ 1	222,509	229,692	258,914	248,906	250,200	+ 1
June.	187,645	215,487	229,053	226,547	224,000	- 1	206,882	234,266	243,448	239,686	235,600	- 2
July.	145,888	170,438	180,685	173,628	174,000	0	158,725	182,698	190,509	182,456	181,500	- 1
Aug.	111,721	134,647	150,462	138,441	142,000	+ 3	121,618	144,289	158,575	144,757	148,100	+ 2
Sept.	88,789	112,191	125,138	113,973	116,000	+ 2	96,810	119,722	131,562	119,418	121,700	+ 2
Oct.	99,996	126,660	135,355	116,289	120,000	+ 3	107,996	135,352	141,921	121,422	125,500	+ 3
Nov.	99,581	129,203	137,520	123,261	128,000	+ 4	106,722	136,857	143,659	128,165	133,300	+ 4
Dec.	125,289	160,492	164,638	152,275	165,000	+ 8	133,939	170,321	172,465	158,333	171,300	+ 8
Year	1,672,254	2,112,209	2,002,640	2,059,000		+ 3	1,818,605	2,019,848	2,230,269	2,096,464	2,149,500	+ 3
	Dry skim milk for animal feed						Dry buttermilk					
Jan.	1,776	2,192	2,582	2,127	1,300	- 39	7,604	7,226	7,906	7,633	8,000	+ 5
Feb.	2,069	2,188	2,587	1,902	1,100	- 42	7,593	7,417	7,538	6,771	7,800	+15
Mar.	2,254	2,404	2,743	2,122	1,200	- 43	8,563	8,446	8,693	7,955	8,400	+ 6
Apr.	2,356	2,090	2,817	2,297	1,300	- 43	8,209	8,419	8,419	8,647	8,400	- 3
May.	2,625	2,515	3,801	2,275	1,500	- 34	9,401	9,111	9,546	9,774	9,400	- 4
June.	2,431	3,099	3,313	2,378	1,600	- 33	9,302	9,345	9,038	8,973	8,700	- 3
July.	2,089	2,558	2,357	2,098	1,400	- 33	7,486	7,993	6,999	7,071	6,800	- 4
Aug.	2,189	2,396	1,759	1,490	1,100	- 26	5,930	6,217	5,790	5,741	5,400	- 6
Sept.	1,867	2,259	2,201	1,927	1,500	- 22	4,501	5,290	4,910	5,195	6,000	+15
Oct.	2,205	2,051	2,272	1,643	1,400	- 15	5,569	6,119	5,511	5,854	5,400	- 8
Nov.	1,922	1,774	2,068	1,498	1,150	- 23	5,631	6,264	5,729	5,803	5,400	- 7
Dec.	2,087	2,273	1,974	1,461	1,200	- 18	6,652	7,189	6,296	6,765	6,400	- 5
Year	25,870	27,799	30,474	23,218	15,750	- 32	86,441	89,036	86,375	86,182	86,100	0

1/ 1960-63 from enumerations, 1964 are revised estimates. Beginning with 1962, data for Alaska and Hawaii are included for frozen products, butter and cottage cheese.

2/ Excludes cottage and full skim American.

3/ Whole milk cheese including Cheddar, Colby, washed curd, jack, Monterey, and granular cheese.

4/ Includes part-skim American types.

Table 10.-Evaporated, condensed, and dry milk products: Manufacturers' reported stocks at end of month, United States, 1960-64 1/

Month	Evaporated whole milk (case goods)					Condensed whole milk (case goods)				
	1960	1961	1962	1963	1964	1960	1961	1962	1963	1964
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	178,131	154,401	153,800	119,278	96,805	3,718	5,711	4,625	4,916	5,933
February.....	135,954	125,606	104,688	92,999	82,623	4,596	5,100	4,133	5,130	6,126
March.....	95,491	83,206	64,447	59,728	69,692	5,517	5,676	4,259	5,259	7,271
April.....	112,475	107,658	95,830	93,379	82,648	5,436	5,538	6,202	5,502	9,120
May.....	206,758	213,378	162,998	141,073	147,596	6,435	4,854	6,161	6,825	9,977
June.....	261,179	309,990	221,487	194,153	208,179	6,255	7,104	3,722	7,844	9,646
July.....	302,101	353,519	258,929	223,504	249,435	4,856	6,758	4,308	8,956	9,413
August.....	364,741	367,241	271,319	243,062	286,284	5,467	6,927	4,834	10,431	9,920
September.....	341,169	364,529	262,681	231,847	231,051	5,484	6,672	5,606	6,185	9,556
October.....	319,174	336,176	229,114	199,848	227,365	5,835	6,795	5,690	5,681	10,322
November.....	292,937	282,605	174,215	150,788	219,525	6,262	5,377	6,479	6,522	8,297
December.....	220,987	225,061	141,381	131,659	185,307	6,533	5,604	4,479	5,768	6,916
	Dry whole milk 2/					Spray-dried nonfat milk for human food				
January.....	6,814	6,189	8,162	7,099	6,212	93,382	93,009	120,669	92,588	77,648
February.....	6,793	6,122	7,642	6,772	5,901	98,092	99,311	120,336	89,346	81,344
March.....	6,822	5,813	6,102	5,159	6,576	92,756	96,687	117,417	83,844	94,019
April.....	5,753	5,829	7,073	5,235	7,515	100,262	117,428	122,618	94,695	99,522
May.....	6,848	6,726	7,437	5,511	7,138	135,925	146,960	146,228	117,947	124,860
June.....	7,951	7,159	7,689	6,521	6,362	142,640	164,986	155,878	128,747	120,463
July.....	7,205	8,321	7,591	6,482	6,165	133,849	157,826	130,472	108,408	116,964
August.....	6,405	6,630	5,473	5,497	5,876	115,755	135,513	109,278	92,937	108,557
September.....	5,254	5,740	4,203	4,750	5,998	95,173	119,702	100,030	75,841	87,782
October.....	4,892	5,538	4,906	5,040	6,315	93,881	114,209	81,536	58,674	83,077
November.....	5,550	6,014	4,552	5,314	6,043	87,360	106,071	79,347	59,857	88,139
December.....	6,890	7,307	5,119	5,274	6,968	88,917	120,857	94,256	76,857	104,876
	Roller-dried nonfat milk for human food					Total nonfat dry milk for human food				
January.....	6,824	12,635	8,479	3,548	4,190	100,206	105,644	129,148	96,136	81,838
February.....	7,627	11,192	10,122	2,565	4,152	105,719	110,503	130,458	91,911	85,496
March.....	8,939	9,132	10,786	2,418	4,882	101,695	105,819	128,203	86,262	98,901
April.....	12,052	11,726	8,186	3,811	5,807	112,314	129,154	130,804	98,506	105,329
May.....	17,455	14,790	9,693	6,108	8,087	153,380	161,750	155,921	124,055	132,947
June.....	19,705	18,595	12,937	7,772	8,908	162,345	183,581	168,815	136,519	129,371
July.....	23,033	19,131	11,734	7,445	7,861	156,882	176,957	142,206	115,853	124,825
August.....	21,371	18,099	9,447	6,398	6,833	137,126	153,612	118,725	99,335	115,390
September.....	18,622	15,064	7,163	6,280	6,392	113,795	134,766	107,193	82,121	94,174
October.....	16,366	13,564	4,845	4,278	4,539	110,247	127,773	86,381	62,952	87,616
November.....	14,330	10,869	4,201	4,416	3,882	101,690	116,940	83,548	64,273	92,021
December.....	14,160	11,686	4,697	4,674	3,933	103,077	132,543	98,953	81,531	108,809

1/ 1964 revised to include data for firms not reporting previously.

2/ Includes packaged goods.

Table 10.-Evaporated, condensed, and dry milk products: Manufacturers' reported stocks at end of month, United States, 1960-64 1/ -- Continued

Month	Dry skim milk for animal feed					Dry buttermilk				
	1960	1961	1962	1963	1964	1960	1961	1962	1963	1964
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	650	1,163	1,449	737	1,303	6,133	7,176	9,513	5,796	5,081
February.....	723	1,053	1,310	753	1,333	7,609	8,352	10,521	6,542	5,944
March.....	723	1,224	1,208	852	1,037	8,469	7,233	11,679	6,296	6,780
April.....	839	1,317	1,242	760	1,104	8,709	8,365	11,055	6,148	7,053
May.....	1,299	1,370	1,433	830	1,247	10,774	10,089	12,162	6,745	8,986
June.....	1,427	1,739	1,667	1,277	1,329	11,843	10,555	12,173	7,045	9,841
July.....	1,626	2,040	1,641	1,462	1,288	11,929	11,285	10,878	6,562	8,519
August.....	1,836	1,901	1,459	1,797	972	11,253	10,320	9,881	4,910	8,111
September...	1,474	1,754	1,114	1,666	972	8,647	9,767	7,627	4,348	6,449
October.....	1,489	1,257	922	1,488	786	7,826	9,370	6,259	3,717	5,750
November....	1,224	1,257	983	1,206	745	6,801	9,247	5,498	3,694	5,249
December....	1,188	1,522	903	1,317	918	6,443	9,452	5,463	4,245	5,800

1/1964 revised to include data for firms not reporting previously.

Table 11.-Manufacturing grade milk used in selected dairy products: Average prices paid farmers and average fat tests, United States, by months, 1963-64

Month	Butter and byproducts 1/						Total cheese					
	Milk price per cwt.		Average fat test		Milkfat price per pound		Milk price per cwt.		Average fat test		Milkfat price per pound	
	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964
	Dollars		Percent		Dollars		Dollars		Percent		Dollars	
January.....	3.24	3.26	3.74	3.73	0.87	0.87	3.32	3.40	3.84	3.83	0.86	0.89
February....	3.20	3.22	3.68	3.66	.87	.88	3.27	3.30	3.78	3.71	.87	.89
March.....	3.17	3.20	3.64	3.64	.87	.88	3.21	3.23	3.71	3.69	.87	.88
April.....	3.15	3.18	3.61	3.62	.87	.88	3.15	3.16	3.66	3.65	.86	.87
May.....	3.14	3.18	3.61	3.61	.87	.88	3.14	3.14	3.65	3.66	.86	.86
June.....	3.12	3.15	3.58	3.58	.87	.88	3.12	3.14	3.64	3.63	.86	.87
July.....	3.15	3.18	3.61	3.61	.87	.88	3.15	3.16	3.67	3.66	.86	.86
August.....	3.20	3.24	3.66	3.64	.87	.89	3.19	3.21	3.72	3.69	.86	.87
September...	3.30	3.38	3.77	3.76	.88	.90	3.30	3.37	3.81	3.81	.87	.88
October.....	3.33	3.43	3.80	3.82	.88	.90	3.41	3.49	3.89	3.88	.88	.90
November....	3.35	3.46	3.80	3.80	.88	.91	3.46	3.54	3.90	3.90	.89	.91
December....	3.32	3.41	3.78	3.78	.88	.90	3.45	3.53	3.88	3.88	.89	.91
	American cheese 1/						Swiss cheese					
January.....	3.31	3.41	3.86	3.85	.86	.89	3.32	3.38	3.80	3.79	.87	.89
February....	3.26	3.32	3.79	3.75	.86	.89	3.27	3.30	3.73	3.71	.88	.89
March.....	3.19	3.22	3.72	3.70	.86	.87	3.22	3.23	3.65	3.66	.88	.88
April.....	3.14	3.15	3.68	3.67	.85	.86	3.14	3.17	3.57	3.61	.88	.88
May.....	3.13	3.14	3.67	3.68	.85	.85	3.13	3.12	3.54	3.59	.88	.87
June.....	3.12	3.14	3.67	3.66	.85	.86	3.09	3.08	3.47	3.51	.89	.88
July.....	3.15	3.16	3.71	3.69	.85	.86	3.10	3.10	3.51	3.53	.88	.88
August.....	3.19	3.22	3.76	3.73	.85	.86	3.16	3.15	3.55	3.55	.89	.89
September...	3.30	3.39	3.86	3.86	.85	.88	3.26	3.27	3.64	3.64	.90	.90
October.....	3.41	3.51	3.94	3.93	.87	.89	3.35	3.38	3.72	3.74	.90	.90
November....	3.46	3.56	3.94	3.93	.88	.91	3.44	3.45	3.81	3.81	.90	.91
December....	3.45	3.54	3.90	3.90	.88	.91	3.44	3.47	3.82	3.85	.90	.90

See footnotes at end of table.

Table 11.-Manufacturing grade milk used in selected dairy products: Average prices paid farmers and average fat tests, United States, by months, 1963-64 -- Continued

Month	Brick and Munster cheese						Italian cheese					
	Milk price per cwt.		Average fat test		Milkfat price per pound		Milk price per cwt.		Average fat test		Milkfat price per pound	
	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964	1963	1964
	Dollars		Percent		Dollars		Dollars		Percent		Dollars	
January...	3.17	3.27	3.66	3.65	0.87	0.90	3.40	3.44	3.80	3.75	0.89	0.92
February..	3.15	3.21	3.62	3.60	.87	.89	3.37	3.37	3.75	3.67	.90	.92
March.....	3.13	3.14	3.57	3.59	.88	.87	3.31	3.30	3.69	3.64	.90	.91
April.....	3.07	3.08	3.52	3.56	.87	.87	3.27	3.23	3.65	3.62	.90	.89
May.....	3.04	3.05	3.48	3.51	.87	.87	3.22	3.21	3.62	3.60	.89	.89
June.....	3.03	3.04	3.46	3.47	.88	.88	3.20	3.21	3.61	3.58	.89	.90
July.....	3.06	3.04	3.46	3.48	.88	.87	3.21	3.21	3.61	3.60	.89	.89
August....	3.10	3.07	3.51	3.51	.88	.87	3.28	3.26	3.65	3.63	.90	.90
September.	3.20	3.23	3.60	3.63	.89	.89	3.37	3.41	3.74	3.73	.90	.91
October...	3.31	3.35	3.72	3.71	.89	.90	3.45	3.51	3.80	3.79	.91	.93
November..	3.35	3.40	3.74	3.72	.90	.91	3.50	3.57	3.83	3.82	.91	.93
December..	3.35	3.42	3.73	3.71	.90	.92	3.51	3.54	3.83	3.83	.92	.92
	All other miscellaneous cheese						Total miscellaneous types of cheese <u>2/</u>					
January...	3.30	3.35	3.90	3.87	.85	.87	3.33	3.38	3.81	3.79	.87	.89
February..	3.26	3.29	3.84	3.78	.85	.87	3.29	3.27	3.75	3.66	.88	.89
March.....	3.22	3.20	3.76	3.71	.86	.86	3.25	3.24	3.68	3.66	.88	.89
April.....	3.14	3.14	3.68	3.65	.85	.86	3.19	3.17	3.62	3.62	.88	.88
May.....	3.11	3.10	3.68	3.64	.85	.85	3.15	3.14	3.59	3.60	.88	.87
June.....	3.09	3.14	3.64	3.63	.85	.87	3.12	3.14	3.55	3.56	.88	.88
July.....	3.12	3.17	3.66	3.64	.85	.87	3.14	3.15	3.57	3.57	.88	.88
August....	3.17	3.20	3.72	3.69	.85	.87	3.20	3.19	3.61	3.60	.89	.89
September.	3.29	3.35	3.83	3.78	.86	.89	3.30	3.34	3.71	3.70	.89	.90
October...	3.40	3.46	3.90	3.87	.87	.89	3.40	3.45	3.79	3.78	.90	.91
November..	3.44	3.52	3.94	3.93	.87	.90	3.46	3.51	3.84	3.83	.90	.92
December..	3.43	3.50	3.93	3.90	.87	.90	3.46	3.50	3.84	3.84	.90	.91
	Evaporated milk <u>3/</u>						All manufacturing grade milk <u>4/</u>					
January...	3.45	3.54	4.11	4.08	.84	.87	3.27	3.34	3.81	3.79	.86	.88
February..	3.26	3.45	4.00	3.94	.85	.88	3.23	3.27	3.75	3.71	.86	.88
March.....	3.30	3.36	3.88	3.87	.85	.87	3.19	3.23	3.69	3.67	.86	.88
April.....	3.22	3.25	3.81	3.79	.85	.86	3.13	3.17	3.64	3.65	.86	.87
May.....	3.17	3.21	3.81	3.78	.83	.85	3.11	3.15	3.63	3.63	.86	.87
June.....	3.16	3.20	3.80	3.77	.83	.85	3.10	3.12	3.62	3.61	.86	.86
July.....	3.19	3.22	3.84	3.79	.83	.85	3.13	3.15	3.65	3.63	.86	.87
August....	3.23	3.27	3.90	3.87	.83	.84	3.17	3.20	3.71	3.68	.85	.87
September.	3.34	3.42	4.06	4.02	.82	.85	3.27	3.35	3.82	3.81	.86	.88
October...	3.48	3.57	4.15	4.15	.84	.86	3.35	3.45	3.88	3.89	.86	.89
November..	3.56	3.64	4.19	4.16	.85	.88	3.38	3.50	3.88	3.86	.87	.91
December..	3.60	3.65	4.20	4.13	.86	.88	3.38	3.47	3.85	3.83	.88	.91

1/Revisions for 1963, by States and by months, for butter and byproducts and American cheese, were published by the Chicago Dairy office in the August 1964 issue "Milk Prices Paid by Creameries and Cheese Plants" released September 30, 1964. Data for 1964 are preliminary.

2/Includes all types of natural cheese except American.

3/Revisions for 1963 by States and by months, for evaporated milk, were published in the August 1964 issue of the "Evaporated, Condensed, and Dry Milk Report" released September 30, 1964. Data for 1964 are preliminary.

4/Represents average prices received and average fat tests of all manufacturing grade milk sold by farmers. Current figures for this series are published each month in the "Agricultural Prices" Report.

Table 12.-Manufacturing grade milk: Average price per cwt. received by farmers, and average fat test of milk sold by farmers, United States, by months, 1960-64 ^{1/}

Month	1960		1961		1962 ^{2/}		1963 ^{2/}		1964 ^{3/}	
	Price	Fat test	Price	Fat test	Price	Fat test	Price	Fat test	Price	Fat test
	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
January...	3.29	3.80	3.44	3.81	3.46	3.81	3.27	3.81	3.34	3.79
February..	3.24	3.73	3.31	3.73	3.39	3.74	3.23	3.75	3.27	3.71
March.....	3.21	3.72	3.30	3.68	3.27	3.70	3.19	3.69	3.23	3.67
April.....	3.12	3.67	3.31	3.67	3.11	3.67	3.13	3.64	3.17	3.65
May.....	3.09	3.68	3.29	3.68	3.06	3.65	3.11	3.63	3.15	3.63
June.....	3.07	3.66	3.26	3.65	3.05	3.64	3.10	3.62	3.12	3.61
July.....	3.10	3.70	3.28	3.69	3.08	3.67	3.13	3.65	3.15	3.63
August....	3.19	3.76	3.33	3.75	3.10	3.72	3.17	3.71	3.20	3.68
September.	3.37	3.87	3.42	3.86	3.21	3.84	3.27	3.82	3.35	3.81
October...	3.52	3.95	3.52	3.95	3.29	3.93	3.35	3.88	3.45	3.89
November..	3.55	3.96	3.54	3.95	3.32	3.92	3.38	3.88	3.50	3.86
December..	3.53	3.89	3.51	3.88	3.31	3.86	3.38	3.85	3.47	3.83

^{1/} Before hauling costs are deducted and including premiums paid to farmers. This price series is now one of the factors used in calculating the parity price equivalent of manufacturing grade milk. Current prices, fat tests, and the parity price equivalents are released each month in the "Agricultural Prices" Report.

^{2/} Revised.

^{3/} Preliminary.

Table 13.-Evaporated whole milk: Manufacturers' average selling price per case of 48 14¹/₂-oz. cans in carlots, by months, United States, 1960-64, and geographic divisions, 1964 ^{1/}

(Dollars)

Month	1960	1961	1962	1963	1964	1964 by division							
						New Eng.	Mid. Atl.	So. Atl.	E. No. Cent.	W. No. Cent.	So. Cent.	No. West	So. West
January...	6.37	6.32	6.29	6.03	6.00	5.94	5.91	5.93	5.95	6.09	6.13	6.12	6.03
February..	6.38	6.31	6.29	6.03	5.98	5.91	5.90	5.90	5.94	6.06	6.11	6.12	6.03
March.....	6.37	6.30	6.28	6.02	5.98	5.91	5.90	5.90	5.94	6.06	6.11	6.13	6.02
April.....	6.35	6.29	6.16	6.03	5.96	5.86	5.86	5.88	5.93	6.05	6.08	6.12	6.00
May.....	6.33	6.29	6.07	6.03	5.94	5.85	5.83	5.87	5.92	6.02	6.04	6.11	5.99
June.....	6.31	6.29	6.03	6.02	5.93	5.85	5.82	5.87	5.92	6.01	6.03	6.10	6.00
July.....	6.31	6.29	6.02	6.00	5.93	5.86	5.82	5.87	5.92	6.01	6.03	6.10	6.00
August....	6.31	6.29	6.03	6.00	5.93	5.86	5.81	5.87	5.92	6.01	6.02	6.10	6.00
September.	6.32	6.29	6.05	6.00	6.00	5.97	5.86	5.91	5.96	6.07	6.07	6.21	6.06
October...	6.33	6.29	6.05	6.00	6.08	6.04	5.95	6.02	6.05	6.17	6.17	6.29	6.15
November..	6.33	6.29	6.05	5.99	6.09	6.04	5.96	6.02	6.05	6.17	6.17	6.29	6.16
December..	6.33	6.29	6.05	6.00	6.09	6.04	5.96	6.02	6.05	6.17	6.17	6.29	6.16
St. Av. ..	6.34	6.30	6.11	6.01	5.99	5.93	5.88	5.92	5.96	6.07	6.09	6.16	6.05

^{1/} Manufacturers' prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

Table 14.-Dry whole milk: Manufacturers' average selling price per pound,
f.o.b. plant, United States, by months, 1960-64 ^{1/}

(Cents)

Month	Packages over 5-lbs.(including barrels & drums)					Total dry whole milk ^{2/}				
	1960	1961	1962	1963	1964	1960	1961	1962	1963	1964
January.....	32.60	32.42	31.45	29.60	31.59	38.10	38.57	35.94	32.76	34.59
February.....	31.21	31.85	30.93	30.01	31.17	38.00	36.59	34.61	36.41	34.17
March.....	30.96	30.22	30.58	29.44	31.12	37.58	35.51	36.71	37.04	34.56
April.....	30.33	31.38	29.91	30.83	30.16	36.94	35.91	34.54	36.26	33.41
May.....	29.82	31.33	29.46	30.68	29.89	36.90	36.66	34.61	35.60	33.40
June.....	29.41	31.27	29.10	30.65	29.86	37.27	38.51	36.36	36.18	32.33
July.....	30.01	31.85	29.01	30.14	29.93	37.05	37.89	33.37	35.36	32.95
August.....	31.70	32.06	29.47	31.10	30.41	37.15	36.64	35.76	39.16	34.27
September.....	32.01	32.77	29.25	29.92	31.91	36.81	37.18	34.66	37.77	35.61
October.....	32.34	32.86	28.79	31.70	30.35	36.02	36.65	31.93	35.98	33.16
November.....	32.74	31.16	29.43	33.25	30.79	36.64	34.50	34.31	35.98	33.59
December.....	32.29	30.92	29.73	31.08	30.54	36.07	36.30	34.27	34.52	33.98
St. av.	31.28	31.67	29.76	30.70	30.64	37.04	36.74	34.76	36.08	33.84

^{1/} Prices reported by firms weighted by their shipments to derive averages, and segments also weighted by shipments to derive combined prices. ^{2/} All size packages, including 1-2½ lb. and 5-lb. pkgs.

Table 15.-Nonfat dry milk: Manufacturers' average selling price per pound,
f.o.b. plant, United States, by months, 1960-64 ^{1/}

(Cents)

Month	Spray process for human food					Roller process for human food				
	1960	1961	1962	1963	1964	1960	1961	1962	1963	1964
January.....	13.76	14.06	16.30	14.48	14.61	13.06	12.54	14.12	13.62	14.33
February.....	13.78	13.99	16.22	14.38	14.65	12.94	12.53	14.09	13.73	14.32
March.....	13.87	14.48	16.20	14.42	14.62	12.80	12.46	13.78	13.82	14.18
April.....	13.50	15.65	14.85	14.49	14.67	12.59	13.39	12.54	12.56	14.01
May.....	13.58	15.93	14.42	14.45	14.66	12.49	13.56	12.27	13.89	13.93
June.....	13.59	15.99	14.30	14.42	14.62	12.61	13.71	12.22	13.75	14.01
July.....	13.48	15.99	14.29	14.46	14.33	12.58	13.78	12.46	13.87	14.13
August.....	13.50	16.13	14.24	14.47	14.65	12.60	14.01	12.69	13.91	14.16
September.....	13.71	16.09	14.40	14.40	14.79	12.56	13.91	12.88	13.98	14.30
October.....	13.90	16.30	14.39	14.44	14.77	12.60	13.81	13.16	14.12	14.37
November.....	14.03	16.17	14.44	14.43	14.63	12.77	14.08	13.54	14.22	14.38
December.....	14.09	16.27	14.49	14.62	14.58	12.67	14.19	13.62	14.28	14.40
St. av.	13.73	15.59	14.88	14.46	14.63	12.69	13.50	13.11	13.81	14.21
Total for human food						Dry skim for animal feed				
January.....	13.72	13.94	16.19	14.44	14.60	10.26	10.60	11.57	11.23	9.89
February.....	13.73	13.88	16.10	14.36	14.64	10.63	10.70	11.44	10.45	10.10
March.....	13.81	14.33	16.12	14.40	14.61	10.30	10.55	11.24	11.01	9.93
April.....	13.44	15.50	14.74	14.42	14.65	10.24	10.33	10.78	10.63	9.71
May.....	13.50	15.79	14.31	14.43	14.63	10.20	10.48	10.47	10.76	10.34
June.....	13.51	15.83	14.20	14.39	14.60	10.32	10.56	10.26	10.52	10.16
July.....	13.42	15.85	14.20	14.43	14.32	10.17	10.21	10.28	11.08	10.12
August.....	13.43	16.00	14.15	14.45	14.64	10.44	10.49	10.32	10.47	10.33
September.....	13.60	15.94	14.31	14.39	14.77	10.21	11.03	10.99	10.28	11.36
October.....	13.79	16.11	14.33	14.43	14.75	10.34	10.99	10.79	10.33	11.27
November.....	13.93	16.04	14.40	14.42	14.62	10.40	11.34	11.30	10.22	10.83
December.....	13.99	16.15	14.45	14.61	14.57	10.52	11.67	11.13	10.10	11.30
St. av.	13.66	15.45	14.79	14.43	14.62	10.34	10.75	10.88	10.59	10.44

^{1/} Prices reported by firms weighted by their shipments to derive averages, and segments also weighted by shipments to derive combined prices.

Table 16.-Nonfat dry milk for human consumption: Manufacturers' average selling price per pound in carlots, f.o.b. plant, Chicago area (Minnesota, Wisconsin, Illinois, Indiana, and Michigan) by months 1960-64 ^{1/}

(Cents)

Month	Spray process					Roller process				
	1960	1961	1962	1963	1964	1960	1961	1962	1963	1964
January.....	13.51	13.76	16.15	14.15	14.32	12.99	12.62	14.37	13.68	14.27
February.....	13.64	13.75	16.17	14.17	14.26	12.77	12.61	14.23	13.73	14.22
March.....	13.54	13.95	16.05	14.19	14.25	12.60	12.29	14.07	13.95	2/
April.....	13.42	15.65	15.04	14.14	14.19	12.53	13.00	13.21	13.80	"
May.....	13.25	15.54	14.22	14.12	14.22	12.35	13.69	12.84	13.77	"
June.....	13.29	15.59	14.13	14.18	14.24	12.22	14.05	12.53	13.90	"
July.....	13.23	15.62	14.16	14.15	14.23	12.19	14.11	12.58	13.91	"
August.....	13.25	16.07	14.14	14.18	14.30	12.19	14.17	12.40	13.96	"
September.....	13.43	16.07	14.05	14.24	14.30	12.13	14.14	12.75	14.11	"
October.....	13.76	16.15	14.14	14.25	14.29	12.41	14.10	12.73	14.12	"
November.....	13.76	16.05	14.16	14.24	14.23	12.54	14.09	13.36	14.27	"
December.....	13.68	16.16	14.15	14.24	14.20	12.58	14.39	13.57	14.31	"

^{1/} Fiscal month from 26th of preceding month through 25th of current month. ^{2/} Discontinued.

Table 17.-Dry buttermilk: Manufacturers' average selling price per pound, f.o.b. plant, United States, by months, 1960-64 ^{1/}

(Cents)

Month	Human food					Animal feed				
	1960	1961	1962	1963	1964	1960	1961	1962	1963	1964
January.....	13.82	13.74	14.88	12.97	14.08	10.89	10.72	10.68	10.58	10.19
February.....	13.72	13.76	14.64	12.88	14.06	11.04	10.40	10.92	10.58	10.07
March.....	13.65	13.71	14.13	13.02	14.13	10.86	10.15	10.81	10.76	10.19
April.....	13.59	14.29	12.58	12.95	14.00	10.38	9.82	10.35	10.64	10.15
May.....	13.44	14.46	12.61	12.83	13.98	10.60	9.87	10.02	10.08	10.25
June.....	13.37	14.60	12.38	13.07	14.00	10.76	10.24	9.88	10.18	10.39
July.....	13.41	14.87	12.42	13.20	14.00	10.97	10.33	9.86	10.00	10.47
August.....	13.51	14.87	12.57	13.30	13.97	10.76	10.24	9.96	10.21	11.16
September.....	13.74	14.92	12.69	13.40	14.21	10.82	10.53	10.14	10.27	12.07
October.....	13.85	15.08	12.71	13.71	14.22	10.59	10.54	10.40	10.26	12.43
November.....	14.28	15.04	12.86	13.74	14.17	10.93	10.44	10.43	10.48	12.27
December.....	13.86	14.98	12.85	13.92	14.33	10.61	10.78	10.38	10.30	12.15
St. av.	13.69	14.53	13.11	13.25	14.10	10.77	10.34	10.32	10.36	10.98
Total human food and animal feed										
January.....	13.27	13.28	14.28	12.47	13.54					
February.....	13.43	13.10	13.87	12.42	13.36					
March.....	13.15	13.11	13.70	12.66	13.52					
April.....	13.07	13.35	12.20	12.64	13.40					
May.....	12.87	13.31	12.02	12.35	13.26					
June.....	12.84	13.54	11.79	12.72	13.58					
July.....	12.92	14.00	12.03	12.60	13.54					
August.....	12.99	14.01	12.08	12.81	13.44					
September.....	13.27	14.01	12.12	12.92	13.94					
October.....	13.30	14.03	12.32	13.11	14.04					
November.....	13.77	14.43	12.47	13.17	13.92					
December.....	13.25	14.20	12.41	13.34	14.06					
St. av.	13.18	13.70	12.61	12.77	13.63					

^{1/} Prices reported by firms weighted by their shipments to derive averages, and segments also weighted by shipments to derive combined prices.

COLD STORAGE HOLDINGS

Table 18.-End-of-month cold storage holdings, dairy products, United States, 1960-64 1/

Month	Creamery butter					American cheese				
	1960	1961	1962	1963	1964	1960	1961	1962	1963	1964
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	33,992	76,436	239,033	310,903	187,103	245,755	287,046	405,945	358,505	279,184
February.....	42,958	80,289	259,920	328,255	191,146	231,719	293,505	382,751	325,391	263,640
March.....	64,865	97,986	303,061	345,465	191,132	228,222	302,349	367,823	309,303	264,035
April.....	86,148	122,960	345,419	356,749	195,682	240,950	324,940	390,829	317,211	283,963
May.....	119,117	158,729	386,891	376,982	203,518	267,071	357,513	416,216	343,516	309,693
June.....	162,731	217,831	429,407	401,356	234,892	304,111	400,283	454,493	373,915	339,213
July.....	179,861	249,769	468,988	392,557	243,666	315,728	423,978	483,820	394,784	353,146
August.....	169,325	256,473	456,383	366,984	221,211	317,946	448,374	481,846	390,596	338,641
September.....	135,540	238,412	423,494	328,676	180,945	304,237	442,236	457,107	363,863	318,580
October.....	116,015	230,708	384,200	284,474	145,204	291,735	432,609	421,394	336,897	302,464
November.....	90,587	223,725	344,750	241,316	95,300	287,718	421,493	398,632	323,684	292,816
December.....	76,808	224,820	318,663	206,963	66,499	292,011	419,914	384,246	301,631	283,647
	Swiss cheese					Other varieties of cheese				
January.....	10,641	11,436	16,156	8,288	10,793	26,894	29,247	34,690	29,094	28,107
February.....	10,436	11,513	16,045	7,740	9,961	26,072	27,383	34,002	26,910	27,965
March.....	9,557	12,070	15,723	7,990	9,404	24,056	26,665	33,638	26,098	28,304
April.....	9,343	14,019	15,291	8,314	10,252	25,619	29,384	34,834	29,265	28,895
May.....	9,796	16,241	14,518	8,411	10,706	30,656	33,183	29,327	32,325	31,777
June.....	9,681	18,076	12,416	9,540	10,817	31,373	33,992	30,066	32,541	31,750
July.....	10,055	20,174	13,511	10,735	11,866	34,324	37,733	29,236	34,390	33,608
August.....	10,930	22,593	12,138	11,398	12,390	30,038	40,010	26,490	33,208	35,095
September.....	11,476	21,457	11,631	12,299	11,048	30,476	37,499	24,350	31,756	33,858
October.....	11,969	19,239	10,210	11,725	9,788	29,307	38,701	23,267	29,561	32,857
November.....	11,993	15,447	9,004	11,346	9,559	29,093	33,690	31,151	28,315	32,798
December.....	11,782	16,728	7,640	10,270	8,805	28,801	36,293	30,193	28,800	33,500
	Evaporated and condensed milk (case goods)					Condensed milk (sweetened and unsweetened) bulk				
January.....	26,104	24,124	13,584	4,945	3,244	5,132	864	530	1,527	934
February.....	16,537	15,032	8,704	2,999	774	4,714	1,166	668	1,434	670
March.....	10,414	7,700	1,793	1,421	590	4,074	990	1,212	767	832
April.....	9,439	8,795	1,598	1,810	281	4,153	1,352	1,430	693	1,034
May.....	15,446	12,529	2,827	2,457	1,095	5,063	1,675	2,493	859	1,192
June.....	22,224	22,988	6,186	5,524	6,750	5,111	2,109	3,067	2,564	980
July.....	29,729	40,670	8,584	11,119	9,607	5,345	2,226	2,872	2,672	1,177
August.....	50,021	53,006	14,221	13,529	11,004	3,839	1,699	2,398	2,140	1,111
September.....	50,577	46,264	13,757	10,808	10,920	2,988	1,479	1,910	1,588	1,074
October.....	47,613	39,504	12,597	9,683	11,323	2,359	1,243	1,489	1,407	840
November.....	40,726	31,026	7,878	6,208	10,550	1,955	871	1,473	847	753
December.....	33,470	21,004	6,797	5,820	12,041	725	745	1,268	937	1,246
	Fluid cream					Plastic cream				
January.....	5,920	6,824	6,167	6,141	4,800	1,322	362	1,071	482	319
February.....	5,791	6,659	5,597	5,589	4,726	1,587	353	882	607	571
March.....	6,419	6,208	5,218	5,578	5,668	2,404	607	597	551	597
April.....	9,329	7,775	6,785	6,675	7,482	4,531	2,145	336	637	1,185
May.....	18,431	13,051	9,844	9,207	11,607	5,970	3,551	820	1,083	1,638
June.....	24,626	17,650	12,855	11,107	14,084	5,385	5,129	1,436	1,726	2,214
July.....	23,365	16,846	11,243	9,969	12,468	4,700	4,482	2,168	1,775	1,938
August.....	19,991	14,044	10,209	7,948	11,125	3,371	3,734	1,607	831	1,679
September.....	16,987	11,250	8,684	6,363	8,889	2,364	3,390	1,308	695	1,061
October.....	14,057	10,150	7,770	5,667	7,883	1,716	3,011	855	444	955
November.....	11,031	7,701	6,173	4,588	6,788	974	1,965	523	229	945
December.....	8,026	6,533	6,059	4,467	5,668	499	974	377	239	1,281

1/ Excludes Alaska and Hawaii.

FLUID MILK AND CREAM: PRICES, SALES, AND RECEIPTS, 1964

Fluid-use milk prices 4 cents per hundredweight higher in 1964

Dealers' buying prices of milk for fluid use during 1964, at \$5.35 per hundredweight, averaged 4 cents per hundredweight above 1963. Monthly averages were higher than a year earlier in all months of 1964 except October and December when they were about the same. The January 1964 average was 8 cents per hundredweight above January 1963 but the difference narrowed each month until August when it was only 1 cent. After that, it remained small. All regional averages for the year were higher than in 1963. Increases ranged from 1 cent per hundredweight in the Pacific Region to 10 cents in the West South Central. The Mountain Region average was 8 cents per hundredweight above 1963 and the West North Central average rose 7 cents. Other regional increases were: East North Central, 4 cents; South Atlantic, 3 cents, and New England and Middle Atlantic, 2 cents each.

Home delivery and out-of-store prices above 1963

Average prices for the most common grade of home-delivered whole milk, in 25 major cities, was 27.7 cents per single quart during 1964 -- six-tenths of a cent above 1963. Annual averages were higher than in 1963 in 19 of the markets, the same in 4, but lower in 2. For milk sold out of stores in half-gallon containers, the 25-city average was 46.4 cents. This is six-tenths cent per unit above the 1963 average. Annual averages for store half-gallons were higher in 15 markets, the same in 6, but lower in 4.

Whole and skim milk sales increase in 1964; cream sales decrease

Annual sales of whole milk (preliminary) in 81 marketing areas (9 State and 72 Federal) for 1964 were 1.2 percent above the previous year. Skim milk sales in 80 of these areas advanced 11 percent. Sales of milk and cream mixtures in 77 areas declined 3 percent from 1963; in 78 areas, sales of other cream items declined 1 percent. The milk equivalent of 1964 sales of all fluid items in 78 areas (not including Massachusetts-Rhode Island, New Jersey, and the Federal areas of New York) was about 2 percent higher than in 1963.

Receipts continue higher

Producer receipts of milk during 1964 in 85 marketing areas (8 State and 77 Federal) averaged 157 million pounds per day -- 3 percent larger than in 1963. The number of producers delivering milk to regulated plants for these areas averaged about 176,000 for the year -- 5 percent less than the previous year. Receipts per producer averaged 893 pounds per day in 1964, 8 percent higher than in 1963.

Table 19.--Dealers' average buying prices for milk for fluid milk use (f.o.b. city) 1/
(per hundredweight-3.5% fat; weighted by population of individual markets)

By months, U. S. 1960-64, regions 1964

Month	United States					Regions, 1964 2/								
	1960	1961	1962	1963	1964	New Eng.	Mid. Atl.	East North Cent.	West North Cent.	South Atl.	East South Cent.	West South Cent.	Mountain	Pacific
	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>
January...	5.58	5.61	5.48	5.40	5.48	6.24	6.12	4.57	4.41	5.96	5.50	5.69	5.31	5.31
February...	5.54	5.56	5.48	5.36	5.42	6.02	6.01	4.52	4.38	5.94	5.51	5.69	5.32	5.31
March.....	5.47	5.47	5.41	5.28	5.35	6.02	5.85	4.52	4.31	5.86	5.44	5.50	5.31	5.31
April.....	5.27	5.28	5.21	5.12	5.18	5.58	5.57	4.45	4.18	5.77	5.35	5.34	5.30	5.31
May.....	5.19	5.16	5.08	5.04	5.08	5.36	5.30	4.44	4.09	5.76	5.33	5.31	5.26	5.31
June.....	5.19	5.14	5.08	5.05	5.08	5.36	5.30	4.44	4.09	5.83	5.32	5.31	5.26	5.33
July.....	5.34	5.34	5.25	5.22	5.26	6.02	5.63	4.45	4.21	5.92	5.31	5.47	5.30	5.33
August....	5.47	5.41	5.37	5.34	5.35	6.24	5.76	4.52	4.36	5.95	5.39	5.49	5.32	5.33
September.	5.58	5.49	5.44	5.41	5.42	6.24	5.93	4.53	4.41	5.97	5.46	5.57	5.34	5.33
October...	5.67	5.53	5.49	5.49	5.49	6.39	6.05	4.56	4.53	5.97	5.52	5.70	5.39	5.33
November..	5.73	5.57	5.50	5.51	5.53	6.39	6.15	4.56	4.55	5.99	5.53	5.78	5.42	5.33
December..	5.72	5.54	5.47	5.52	5.52	6.39	6.11	4.61	4.44	6.00	5.55	5.79	5.47	5.34
Average	5.48	5.43	5.35	5.31	5.35	6.02	5.82	4.52	4.33	5.91	5.43	5.55	5.33	5.32

Annual average by regions, 1960-1964

Year	New-England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	U. S.
	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>	<u>Dol.</u>
1960.....	6.16	6.17	4.54	4.31	6.05	5.30	5.52	5.48	5.34	5.48
1961.....	5.94	5.98	4.62	4.35	6.00	5.34	5.56	5.45	5.34	5.43
1962.....	5.96	5.89	4.57	4.20	5.94	5.27	5.33	5.24	5.35	5.35
1963.....	6.00	5.80	4.48	4.26	5.88	5.34	5.45	5.25	5.31	5.31
1964.....	6.02	5.82	4.52	4.33	5.91	5.43	5.55	5.33	5.32	5.35

1/ In a number of markets, the prices paid for milk used for fluid milk and for fluid cream are the same. Prices include minimum and negotiated Class I prices, base or basic prices, and flat prices, where effective.

2/ Preliminary.

Table 20.--Prevailing prices of the most common grade of whole milk in 25 cities 1/

Average by months, 1960-64

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>	<u>Cts.</u>
Per single quart in glass delivered to homes													
1960....	26.2	26.2	26.1	25.9	25.9	25.9	26.1	26.3	26.6	26.7	26.7	26.8	26.3
1961....	26.8	26.8	26.7	26.4	26.2	26.3	26.6	26.6	26.7	26.8	26.9	26.8	26.6
1962....	26.8	26.8	26.8	26.7	26.6	26.7	26.8	26.9	27.0	27.1	27.1	27.0	26.9
1963....	27.0	27.0	26.9	26.9	26.8	26.8	27.0	27.2	27.2	27.2	27.4	27.4	27.1
1964....	27.5	27.5	27.5	27.4	27.3	27.4	27.6	27.8	27.8	28.0	28.1	28.1	27.7
Per half-gallon in paper sold out of stores													
1960....	46.4	46.5	46.0	45.4	45.5	45.4	45.8	46.1	46.2	46.4	46.5	46.4	46.1
1961....	46.6	46.7	46.6	45.0	45.0	44.8	45.7	45.5	46.0	46.0	45.9	45.9	45.8
1962....	45.8	45.8	45.8	45.1	45.0	44.8	45.5	45.7	45.9	45.7	45.9	45.9	45.6
1963....	45.8	45.8	45.6	45.3	45.2	45.3	45.7	45.9	46.0	46.1	46.3	46.4	45.8
1964....	46.3	46.6	46.4	46.1	45.9	45.9	46.1	46.2	46.5	46.8	46.7	46.7	46.4

See footnotes at end of table.

Table 20.-Prevailing prices of the most common grade of whole milk in 25 cities 1/--Continued

Per single quart in glass delivered to homes

Annual averages by city, 1960-1964

City	1960	1961	1962	1963	1964	City	1960	1961	1962	1963	1964
	Cts.	Cts.	Cts.	Cts.	Cts.		Cts.	Cts.	Cts.	Cts.	Cts.
Boston, Mass.....	28.2	28.5	28.8	29.3	30.0	Washington, D. C....	28.3	29.0	29.2	30.2	31.0
Hartford, Conn.....	27.0	28.2	29.4	30.7	31.5	Jacksonville, Fla....	29.0	29.0	29.0	29.0	30.3
N.Y. Metropolitan.2/	28.4	28.5	28.5	28.1	27.6	Louisville, Ky.....	25.2	26.0	26.0	26.0	26.9
Philadelphia, Pa.....	28.2	28.6	28.5	28.5	30.7	New Orleans, La.....	28.0	26.5	26.0	27.5	28.2
Pittsburgh, Pa.....	27.0	27.3	27.7	27.7	27.8	Dallas, Texas.....	27.0	26.2	26.0	26.0	26.6
Cleveland, Ohio.....	24.0	24.6	24.5	24.6	25.0	Denver, Colo.....	25.3	25.9	26.0	25.3	27.0
Indianapolis, Ind...	24.2	25.0	25.0	25.0	25.2	Salt Lake City, Utah	25.0	25.3	25.5	25.1	25.0
Chicago, Ill.....	30.2	30.7	31.2	31.5	31.6	Seattle, Wash.....	24.5	26.0	26.2	26.8	27.9
Detroit, Mich.....	25.5	26.0	25.8	26.0	26.0	Portland, Ore.....	26.2	26.2	26.8	27.5	27.9
Milwaukee, Wis.....	25.0	25.0	25.0	25.9	27.0	San Francisco, Cal.3/	26.0	26.6	27.2	27.5	27.5
Minneapolis, Minn...	22.4	23.0	23.1	23.1	23.5	Los Angeles, Cal.....	25.8	26.3	27.0	27.5	27.5
Kansas City, Mo.....	23.8	24.4	25.4	24.1	25.3						
Omaha, Nebr.....	23.4	24.0	24.0	24.0	24.0						
Baltimore, Md.....	28.9	29.0	29.5	29.5	30.3	Average.....	26.3	26.6	26.9	27.1	27.7

Price in each city by months, 1964

City	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Boston, Mass.....	29½-30½	29½-30½	29½-30½	28½-29½	28-29	29½-30½	30-31	30½-31½	30½-31½	30½-31½	30½-31½	30½-31½	30.0
Hartford, Conn.....	30-32	30-32	30-32	29½-30½	29½-30½	31-32	31½-33	32½-33	32½-33	32½-33	32½-33	32½-33	31.5
N.Y. Metropolitan.2/	26-30½	26-30½	26-30½	25½-29½	25-29½	25-29	25-30	25-30	25-30	25-30	25-30	25-29½	27.6
Philadelphia, Pa....	28-31	28-31	28-31	29½-31	29½-31	29-32	30½-32	31-33	31-33	31-33	31-33	31-33	30.7
Pittsburgh, Pa.....	28½	28½	28½	27½	27	27	28	28	28	28	28	28	27.8
Cleveland, Ohio.....	25	25	25	25	25	25	25	25	25	25	25	25	25.0
Indianapolis, Ind...	25	25	25	25	25	25	25	25	25	25	26	26	25.2
Chicago, Ill.....	29½-33½	29½-33½	29½-33½	29½-33½	29½-34	29½-34	29½-34	29½-34	29½-34	29½-34	29½-34	29½-34	31.6
Detroit, Mich.....	26	26	26	26	26	26	26	26	26	26	26	26	26.0
Milwaukee, Wis.....	27	27	27	27	27	27	27	27	27	27	27	27	27.0
Minneapolis, Minn...	23-24	23-24	23-24	23-24	23-24	23-24	23-24	23-24	23-24	23-24	23-24	23-24	23.5
Kansas City, Mo.....	25	25	25	25	25	25	25	26	26	26	26	26	25.3
Omaha, Nebr.....	24	24	24	24	24	24	24	24	24	24	24	24	24.0
Baltimore, Md.....	30	30	30	30	30	30	30	31	31	31	31	31	30.3
Washington, D. C....	30-31	30-31	30-31	30-31	30-31	31-32	31-32	31-32	31-32	31-32	31-32	31-32	31.0
Jacksonville, Fla....	30-31	30-31	30-31	30	30-31	30-31	30-31	30-31	30-31	30-31	30	30	30.3
Louisville, Ky.....	26	27	27	27	27	27	27	27	27	27	27	27	26.9
New Orleans, La.....	28	28	28	28	28	28	28	28	28	28	29	29	28.2
Dallas, Texas.....	25-27	25-27	25-27	25-27	25-27	25-27	25-27	25-27	25-27	25-27	28-29	28-29	26.6
Denver, Colo.....	27	27	27	27	27	27	27	27	27	27	27	27	27.0
Salt Lake City, Utah	25	25	25	25	25	25	25	25	25	25	25	25	25.0
Seattle, Wash.....	27	27	27	27	27	28½	28½	28½	28½	28½	28½	28½	27.9
Portland, Ore.....	27½	27½	27½	27½	27½	27½	27½	28½	28½	28½	28½	28½	27.9
San Fran., Cal....3/	27½	27½	27½	27½	27½	27½	27½	27½	27½	27½	27½	27½	27.5
Los Angeles, Cal.....	27½	27½	27½	27½	27½	27½	27½	27½	27½	27½	27½	28	27.5
Average.....	27.5	27.5	27.5	27.4	27.3	27.4	27.6	27.8	27.8	28.0	28.1	28.1	27.7

See footnotes at end of table.

Continued

Table 20.-Prevailing prices of the most common grade of whole milk in 25 cities 1/--Continued

Per half-gallon in paper sold out of stores

Annual averages by city, 1960-64

City	1960	1961	1962	1963	1964	City	1960	1961	1962	1963	1964
	Cts.	Cts.	Cts.	Cts.	Cts.		Cts.	Cts.	Cts.	Cts.	Cts.
Boston, Mass.....	42.8	44.9	43.6	44.2	45.0	Washington, D. C..	48.5	44.0	45.6	46.2	48.0
Hartford, Conn.....	43.1	43.7	45.5	47.1	47.4	Jacksonville, Fla.	54.6	56.0	56.2	56.0	57.2
N.Y. Metropolitan ²	-	52.7	53.2	50.6	47.3	Louisville, Ky....	44.3	44.9	43.6	44.0	44.8
Philadelphia, Pa...	48.0	47.9	47.0	47.0	49.3	New Orleans, La...	51.5	47.4	45.5	50.4	52.2
Pittsburgh, Pa....	51.1	50.5	49.5	49.3	49.0	Dallas, Texas.....	48.0	42.9	43.7	44.5	46.4
Cleveland, Ohio....	40.8	42.0	41.2	39.7	38.3	Denver, Colo.....	47.2	47.0	42.8	46.1	48.9
Indianapolis, Ind..	41.8	41.0	40.2	40.0	40.2	Salt Lake City, Utah	47.0	48.0	49.0	49.0	49.0
Chicago, Ill.....	48.5	46.2	46.3	47.0	47.0	Seattle, Wash.....	46.8	49.0	48.4	48.2	49.7
Detroit, Mich.....	42.6	44.0	40.4	38.0	37.8	Portland, Ore.....	47.3	47.1	48.2	49.5	50.4
Milwaukee, Wis....	38.7	40.1	39.6	39.1	39.1	San Francisco, Cal.	47.5	48.2	49.5	50.0	50.0
Minneapolis, Minn.	35.3	34.8	35.0	34.3	35.0	Los Angeles, Cal..	44.6	45.1	46.0	47.0	47.0
Kansas City, Mo...	40.3	41.3	41.8	39.8	41.2						
Omaha, Nebr.....	45.8	47.0	47.0	47.0	47.0						
Baltimore, Md.....	51.2	49.6	51.0	50.3	51.7	Average.....	46.1	45.8	45.6	45.8	46.4

Price in each city by months, 1964

City	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Boston, Mass.....	45	45	45	43	42	42	45	46	46	47	47	47	45.0
Hartford, Conn.....	47-51	50	50	45-48	43-47	43-47	45-50	46-47	46-47	47-48	47-48	47-48	47.4
N.Y. Metropolitan ²	43-55	42-54	42-54	42-54	42-54	42-54	40-49	40-50	43-50	44-51	44-51	44-51	47.3
Philadelphia, Pa...	49	49	47	48	48	43	50	50	51	51	51	51	49.3
Pittsburgh, Pa....	51	51	51	49	48	48	48	48½	48½	48½	48½	48½	49.0
Cleveland, Ohio....	37-40	39-44	38-44	35-42	35-40	35-40	35-40	33-38	36-38	38-40	36-38	38-40	38.3
Indianapolis, Ind..	40	40	40	40	40	40	40	40	40	40	41	41	40.2
Chicago, Ill.....	47	47	47	47	47	47	47	47	47	47	47	47	47.0
Detroit, Mich.....	37-39	37-39	37-39	37-39	37-39	37-39	37-39	37-38	37-38	37-38	37-38	37-38	37.8
Milwaukee, Wis....	37-41	39-41	40	38½-39½	38-41	38-41	38-41	38-41	38-41	38-41	36-38	36-38	39.1
Minneapolis, Minn.	34½-36½	34½-36½	34½-36½	34½-36½	35½	35½	33½-35½	33½-35½	33½-35½	33½-35½	33½-35½	33½-35½	35.0
Kansas City, Mo...	42	42	39-42	39-41	39-41	39-41	39-41	39-41	41-43	41-43	42-44	42-44	41.2
Omaha, Nebr.....	46-48	46-48	46-48	46-48	46-48	46-48	46-48	46-48	46-48	46-48	46-48	46-48	47.0
Baltimore, Md.....	51	51	51	51	51	51	51	51	53	53	53	53	51.7
Washington, D. C..	47	47	47	47	47	47	49	49	49	49	49	49	48.0
Jacksonville, Fla.	51-58	53-58	53-58	58	58	55-58	55-58	58	58	58	59	59	57.2
Louisville, Ky....	43	45	45	45	45	45	45	45	45	45	45	45	44.8
New Orleans, La...	52	52	52	52	52	52	52	52	52	52	53	53	52.2
Dallas, Texas.....	47	47	47	45-47	45-47	45-47	45-47	45-47	45-47	45-49	45½-47	45½-47	46.4
Denver, Colo.....	49	49	49	49	49	49	49	49	49	49	47-49	48-49	48.9
Salt Lake City, Utah	49	49	49	49	49	49	49	49	49	49	49	49	49.0
Seattle, Wash.....	46-49	48-49	48-49	48-49	48-49	50½	50½	50½	50½	50½	50½	50½	49.7
Portland, Ore.....	49-50	49-50	49-50	49-50	49-50	49-50	49-50	52	52	52	52	49-51	50.4
San Fran., Cal....	50	50	50	50	50	50	50	50	50	50	50	50	50.0
Los Angeles, Cal..	47	47	47	47	47	47	47	47	47	47	47	47	47.0
Average.....	46.3	46.6	46.4	46.1	45.9	45.9	46.1	46.2	46.5	46.8	46.7	46.7	46.4

1/ Prices are the latest reported during the first 10 days of each month. Grades may differ by markets.

2/ New York Metropolitan- New York City plus Nassau, Suffolk and Westchester counties all in the State of New York.

3/ In markets having a service charge on the first unit at each single delivery location, the charge has been divided between 2 quarts. Since the single quart concept used historically is based on every day delivery, it is assumed that under every-other-day delivery, the charge represents a two-quart purchase.

Table 2L--Whole milk and skim milk products: Average daily sales and test in certain Federal Order and State marketing areas, 1963-1964 1/

Marketing area-F	Whole milk				Skim milk products			
	1963		1964		1963		1964	
	Quantity	M'fat test	Quantity	M'fat test	Quantity	M'fat test	Quantity	M'fat test
	1,000 pounds	Pct.	1,000 pounds	Pct.	1,000 pounds	Pct.	1,000 pounds	Pct.
NEW ENGLAND:								
Massachusetts-Rhode Island....	5,043	3.60	5,014	-	211.3	.79	231.3	-
Connecticut.....	2,250	3.57	2,287	3.56	111.1	.68	118.4	.70
MIDDLE ATLANTIC:								
Federal areas in New York.....	11,260	-	11,290	-	-	-	-	-
Niagara Frontier, New York-S..	1,003	3.64	1,007	3.65	48.5	.35	50.5	.35
Rochester, New York-S.....	462	3.61	467	3.60	48.7	.37	50.4	.36
New Jersey-S.....	5,121	-	5,167	-	317.4	-	336.7	-
Phila-Wilmington, Pa.-Del...4/	2,217	3.62	2,225	3.59	145.3	.82	156.7	.75
EAST NORTH CENTRAL:								
Four Northern Ohio areas.....	3,760	3.53	3,811	3.52	343.7	1.33	373.5	1.33
Three Southern Ohio areas.....	2,333	3.51	2,384	3.51	258.4	1.49	290.7	1.53
Three Indiana areas.....	2,211	3.47	2,334	3.46	365.2	1.72	423.9	1.73
Chicago, Ill.....	5,041	3.46	5,036	3.47	543.7	1.44	584.2	1.45
Three Michigan areas.....	5,717	3.52	5,817	3.52	360.3	.45	458.4	.70
Three Wisconsin areas.....	2,359	3.50	2,399	3.49	408.4	1.45	461.8	1.50
WEST NORTH CENTRAL:								
Two Minnesota areas.....	1,375	3.50	1,350	3.50	283.8	1.02	345.0	1.14
Five Iowa areas.....	1,321	3.55	1,334	3.56	283.7	1.43	311.2	1.48
Kans. City & St. Jos. Mo.-Kans	1,210	3.40	1,212	3.38	159.7	1.53	191.5	1.61
St. Louis, Mo. & Sub., Ill....	1,550	3.35	1,537	3.35	273.9	1.79	309.1	1.84
Ozarks, Mo.-Ark.....	299	3.44	318	3.43	40.7	1.48	43.5	1.71
Three South Dakota areas.....	210	3.35	198	3.35	42.4	1.35	48.8	1.46
Nebraska-Western Iowa.....	878	3.40	871	3.40	106.5	1.05	148.0	1.28
Three Kansas areas.....	617	3.37	603	3.37	59.7	1.26	74.1	1.40
SOUTH ATLANTIC:								
Upper Chesapeake Bay, Md.....	1,275	3.59	1,286	3.59	68.5	1.13	79.3	1.26
Washington, D. C.....	1,639	3.57	1,701	3.57	101.5	.49	112.1	.48
Appalachian, Va.-W. Va.-Tenn..	274	3.60	277	3.59	40.2	.75	40.6	.57
Clarksbg. & Wheeling, W. Va...	511	3.55	518	3.54	22.8	1.26	26.2	1.34
North Carolina-S.....	1,980	-	2,051	-	403.5	-	422.1	-
South Carolina-S.....	1,051	-	1,086	-	179.1	-	178.0	-
Southeastern Florida.....	1,070	3.76	1,057	3.72	117.3	.87	129.6	.89
EAST SOUTH CENTRAL:								
Two Kentucky-Indiana areas...	1,426	3.59	1,461	3.57	189.5	1.36	209.7	1.39
Four Tennessee areas.....2/	1,407	3.60	1,499	3.62	223.9	.77	231.6	.77
Mississippi-FS.....	888	3.79	917	3.81	109.1	1.10	118.8	1.11
WEST SOUTH CENTRAL:								
Central Arkansas.....	396	3.62	406	3.56	60.1	1.41	62.5	1.42
Two Louisiana areas.....	908	3.88	933	3.87	89.2	1.40	99.3	1.44
Okla. Met & Red River Valley..	1,200	3.57	1,197	3.56	99.7	1.34	105.2	1.38
North Texas.....	1,360	3.42	1,376	3.37	123.9	1.20	136.5	1.25
Six Texas areas.....	2,147	3.47	2,149	3.45	176.9	1.36	194.7	1.41
MOUNTAIN:								
Two Colorado areas.....	874	3.40	860	3.40	171.5	1.29	187.2	1.34
Rio Grande, N. Mex.-Tex.-Colo.	789	3.54	815	3.53	62.5	1.55	68.3	1.61
Central Arizona.....	870	3.50	871	3.51	121.8	1.46	130.5	1.49
Great Basin, Utah-Nevada.....	547	3.47	541	3.44	151.1	1.82	168.1	1.86
PACIFIC:								
Inland Empire, Wash.-Ida.....	221	3.58	210	3.58	80.2	1.68	94.1	1.76
Puget Sound, Wash.....	1,169	3.52	1,130	3.53	220.9	1.39	270.9	1.52
California-S.....	12,214	3.58	12,506	3.58	1,753.7	-	1,896.6	-
Total 81 areas (72 Federal 9 State 3/	90,451	3.54	91,506	3.53	8,979.2	1.30	9,969.6	1.32

S-From State sources; FS- From Federal and State sources; all other from Federal sources.

1/ Quantities include: Whole milk - plain and flavored (yogurt excluded); skim milk products - plain, fortified and flavored skim and part skim milk; buttermilk; and cultured specialties. All sales are for defined marketing areas comparable for both years. See page 32 for markets combined. Data are revised for earliest date shown, preliminary for others. 2/ Memphis sales in Mississippi excluded.

Continued

Table 21.--Whole milk and skim milk products: Average daily sales and test in certain Federal Order and State marketing area, 1963-1964 1/ --Continued

Marketing area-F	Whole milk and skim milk products combined				1964 as percent of 1963		
	1963		1964		Whole milk	Skim milk products	Whole milk and skim milk products combined
	Quantity	M'fat test	Quantity	M'fat test			
NEW ENGLAND:	1,000		1,000				
	pounds	Pct.	pounds	Pct.	Pct.	Pct.	Pct.
Massachusetts-Rhode Island...	5,254.6	3.49	5,245.5	-	99	109	100
Connecticut.....	2,361.1	3.43	2,405.1	3.42	102	107	102
MIDDLE ATLANTIC:							
Federal areas in New York....	-	-	-	-	-	-	-
Niagara Frontier, New York-S.	1,051.2	3.49	1,057.3	3.49	100	104	101
Rochester, New York-S.....	510.8	3.30	517.5	3.28	101	104	101
New Jersey-S.....	5,438.5	-	5,503.3	-	101	106	101
Phila.-Wilmington, Pa.-Del. 4/	2,362.6	3.45	2,381.5	3.40	100	108	101
EAST NORTH CENTRAL:							
Four Northern Ohio areas.....	4,103.8	3.35	4,184.6	3.32	101	109	102
Three Southern Ohio areas....	2,591.7	3.31	2,674.9	3.29	102	113	103
Three Indiana areas.....	2,575.9	3.22	2,758.2	3.19	106	116	107
Chicago, Ill.....	5,585.0	3.26	5,619.9	3.26	100	107	101
Three Michigan areas.....	6,076.9	3.34	6,275.4	3.31	102	127	103
Three Wisconsin areas.....	2,767.5	3.20	2,860.3	3.17	102	113	103
WEST NORTH CENTRAL:							
Two Minnesota areas.....	1,658.4	3.08	1,695.3	3.02	98	122	102
Five Iowa areas:.....	1,604.6	3.18	1,645.1	3.17	101	110	103
Kans. City & St. Jos.Mo.-Kans	1,369.3	3.18	1,403.0	3.14	100	120	102
St. Louis, Mo. & Sub., Ill...	1,823.8	3.12	1,846.0	3.10	99	113	101
Ozarks, Mo.-Ark.....	339.3	3.21	360.7	3.22	106	107	106
Three South Dakota areas.....	252.5	3.01	247.1	3.00	94	115	98
Nebraska-Western Iowa.....	984.9	3.14	1,019.0	3.09	99	139	103
Three Kansas areas.....	676.2	3.19	676.7	3.16	93	124	100
SOUTH ATLANTIC:							
Upper Chesapeake Bay, Md....	1,343.6	3.46	1,365.2	3.45	101	116	102
Washington, D. C.....	1,740.3	3.39	1,813.1	3.38	104	110	104
Appalachian,Va.-W. Va.-Tenn..	313.9	3.24	318.0	3.20	101	101	101
Clarksbg. & Wheeling, W. Va..	533.5	3.45	544.1	3.43	101	115	102
North Carolina-S.....	2,383.6	-	2,472.8	-	104	105	104
South Carolina-S.....	1,230.0	-	1,264.2	-	103	99	103
Southeastern Florida.....	1,187.7	3.47	1,186.6	3.41	99	110	100
EAST SOUTH CENTRAL:							
Two Kentucky-Indiana areas...	1,616.0	3.33	1,671.0	3.30	102	111	103
Four Tennessee areas..... 2/	1,630.6	3.21	1,730.7	3.24	107	103	106
Mississippi-FS.....	997.4	3.49	1,035.6	3.50	103	109	104
WEST SOUTH CENTRAL:							
Central Arkansas.....	456.3	3.33	468.7	3.27	103	104	103
Two Louisiana areas.....	997.7	3.66	1,031.9	3.64	103	111	103
Okla. Met. & Red River Valley	1,299.6	3.40	1,302.4	3.38	100	106	100
North Texas.....	1,484.0	3.23	1,512.3	3.18	101	110	102
Six Texas areas.....	2,323.4	3.31	2,343.3	3.28	100	110	101
MOUNTAIN:							
Two Colorado areas.....	1,045.9	3.05	1,047.3	3.03	98	109	100
Rio Grande, N. Mex.-Tex.-Colo	851.1	3.40	883.0	3.38	103	109	104
Central Arizona.....	991.9	3.25	1,001.6	3.25	100	107	101
Great Basin, Utah-Nevada.....	698.3	3.11	709.3	3.06	99	111	102
PACIFIC:							
Inland Empire, Wash.-Ida....	300.9	3.08	304.6	3.01	95	117	101
Puget Sound, Wash.....	1,389.5	3.18	1,400.7	3.14	97	123	101
California-S.....	13,967.5	3.58	14,402.2	3.58	102	108	103
Total 80 areas							
(71 Federal 9 State) 3/	99,430.7	3.35	101,475.5	3.33	101.2	111.0	102.1

3/ Computed from unrounded data. Average fat test 76 areas. 4/ Delaware Valley less sales in New Jersey as reported by the Office of Milk Industry.

Compiled from reports of Market Administrators and State milk control agencies.

Table 22.-Milk and cream mixtures and fluid cream products: Average daily sales and test in certain Federal Order and State marketing areas, 1963-1964 1/

Marketing area-F	Milk and cream mixtures				Fluid cream products			
	1963		1964		1963		1964	
	Quantity	M'fat test	Quantity	M'fat test	Quantity	M'fat test	Quantity	M'fat test
	1,000 pounds	Pct.	1,000 pounds	Pct.	1,000 pounds	Pct.	1,000 pounds	Pct.
NEW ENGLAND:								
Massachusetts-Rhode Island....	-	-	-	-	-	-	-	-
Connecticut.....	0.0	-	0.0	-	61.9	20.7	62.8	20.5
MIDDLE ATLANTIC:								
Niagara Frontier, New York-S..	9.2	10.6	9.4	10.5	12.2	23.2	12.1	23.1
Rochester, New York-S.....	4.0	10.5	3.6	10.7	4.8	25.2	4.8	25.2
New Jersey-S.....	-	-	-	-	-	-	-	-
Delaware Valley, Pa.-Del.-N. J.	30.8	11.6	31.9	11.4	44.9	22.2	42.6	22.3
EAST NORTH CENTRAL:								
Four Northern Ohio areas.....	63.3	11.5	61.8	11.5	34.4	19.7	30.2	19.7
Three Southern Ohio areas.....	37.6	11.6	36.1	11.6	16.0	21.6	14.8	21.9
Three Indiana areas.....	39.1	12.1	39.6	12.1	13.8	22.3	14.8	22.6
Chicago, Ill.....	191.7	12.0	182.4	12.0	48.5	21.0	47.8	20.9
Three Michigan areas.....	127.4	10.5	129.2	10.5	46.3	21.6	47.3	21.8
Three Wisconsin areas.....	50.4	12.6	50.1	12.5	24.7	26.1	24.6	25.8
WEST NORTH CENTRAL:								
Two Minnesota areas.....	33.5	12.0	32.2	12.0	20.0	27.6	19.6	27.3
Five Iowa areas.....	40.3	12.5	36.9	12.6	8.8	24.4	9.4	23.1
Kans. City & St. Jos. Mo.-Kans.	23.5	12.1	23.1	10.2	10.3	23.8	10.3	23.4
St. Louis, Mo. & Sub., Ill....	25.7	12.1	24.9	12.1	14.2	19.6	12.7	20.1
Ozarks, Mo.-Ark.....	5.7	12.4	5.5	12.3	1.1	27.6	1.3	25.9
Three South Dakota areas.....	5.1	12.4	4.6	12.4	1.7	28.5	1.6	27.6
Nebraska-Western Iowa.....	25.3	12.1	24.7	12.1	5.0	24.9	5.0	24.0
Three Kansas areas.....	13.7	11.9	13.1	11.9	3.2	24.9	3.4	23.9
SOUTH ATLANTIC:								
Upper Chesapeake Bay, Md.....	15.0	12.2	16.7	11.9	8.6	22.9	7.3	23.3
Washington, D. C.....	34.5	12.0	35.2	12.0	20.8	22.2	21.8	21.9
Appalachian, Va.-W. Va.-Tenn..	1.0	12.9	1.1	12.4	.6	25.9	.6	25.7
Clarksbg. & Wheeling, W. Va...	6.1	12.1	6.2	12.0	1.8	22.0	1.6	21.5
North Carolina-S.....	15.2	-	15.7	-	7.2	-	7.5	-
South Carolina-S.....	5.1	-	5.2	-	2.9	-	2.7	-
Southeastern Florida.....	27.1	10.3	26.9	10.5	17.7	21.8	17.1	20.1
EAST SOUTH CENTRAL:								
Two Kentucky-Indiana areas....	17.7	12.1	17.6	12.0	6.0	25.4	6.1	25.3
Four Tennessee areas..... 2/	10.8	12.2	10.6	12.6	7.4	25.7	7.0	26.5
Mississippi-FS.....	8.6	12.7	8.3	12.9	2.8	29.5	2.9	29.0
WEST SOUTH CENTRAL:								
Central Arkansas.....	4.9	12.5	4.9	12.4	1.7	27.9	1.6	28.1
Two Louisiana areas.....	9.1	12.8	9.4	12.9	4.6	24.0	4.4	24.7
Okla. Met. & Red River Valley.	17.0	12.1	15.9	12.1	6.7	26.0	6.6	25.5
North Texas.....	20.0	12.1	19.6	12.1	10.2	28.0	11.6	27.3
Six Texas areas.....	28.6	11.9	27.0	12.1	9.2	28.8	9.6	28.4
MOUNTAIN:								
Two Colorado areas.....	22.4	11.7	21.2	11.6	7.7	24.0	7.6	23.7
Rio Grande, N.Mex.-Tex.-Colo..	12.0	12.0	11.7	12.0	2.8	28.0	3.1	27.7
Central Arizona.....	16.0	11.7	14.9	11.7	4.9	23.8	5.1	23.8
Great Basin, Utah-Nevada.....	8.3	12.5	7.8	10.6	6.5	31.0	6.5	30.6
PACIFIC:								
Inland Empire, Wash.-Ida.....	6.0	12.0	5.9	11.9	3.1	29.0	3.1	28.9
Puget Sound, Wash.....	28.7	11.9	27.2	11.9	18.2	26.8	18.9	26.6
California-S.....	333.3	12.1	319.7	12.0	101.2	26.4	101.4	25.6
Total 78 areas								
(69 Federal 9 State 3/	1,373.5	11.9	1,338.0	11.8	624.4	23.6	619.0	23.4

S- From State sources; FS- From Federal and State sources; all other from Federal sources.

1/ Quantities include: Mixtures - mixtures of milk and cream (excluding eggnog); Fluid cream - sweet and soured cream meeting milkfat standards in each market (other than mixtures). All sales for defined marketing areas comparable for both years. See page 32 for markets combined. Data are revised for earliest date shown, preliminary for others.

Table 22. -Milk and cream mixtures and fluid cream products: Average daily sales and test in certain Federal Order and State marketing areas, 1963-1964 1/ --Continued

Marketing area -F	Milk and cream mixtures and fluid cream products combined				1964 as % of 1963		
	1963		1964		Milk and cream mixtures	Fluid Cream	Milk and cream mixtures & fluid cream products combined
	Quantity	M'fat test	Quantity	M'fat test			
	1,000 pounds	Pct.	1,000 pounds	Pct.	Pct.	Pct.	Pct.
NEW ENGLAND:							
Massachusetts-Rhode Island.....	-	-	-	-	-	-	-
Connecticut.....	61.9	20.7	62.8	20.5	-	101	-
MIDDLE ATLANTIC:							
Niagara Frontier, New York-S....	21.4	17.8	21.4	17.7	102	99	100
Rochester, New York-S.....	8.8	18.5	8.4	19.0	90	100	96
New Jersey-S.....	-	-	-	-	-	-	-
Delaware Valley, Pa.-Del.-N. J..	75.7	17.9	74.5	17.6	104	95	98
EAST NORTH CENTRAL:							
Four Northern Ohio areas.....	97.6	14.4	92.1	14.2	98	88	94
Three Southern Ohio areas.....	53.6	14.6	50.9	14.6	96	92	95
Three Indiana areas.....	52.9	14.8	54.3	15.0	101	107	103
Chicago, Ill.....	240.2	13.8	230.2	13.8	95	99	96
Three Michigan areas.....	173.7	13.5	176.5	13.5	101	102	102
Three Wisconsin areas.....	75.1	17.0	74.7	16.9	99	100	99
WEST NORTH CENTRAL:							
Two Minnesota areas.....	53.5	17.8	51.9	17.8	96	98	97
Five Iowa areas.....	49.2	14.6	46.3	14.7	92	106	94
Kans. City & St. Jos. Mo.-Kans..	33.9	15.6	33.3	14.3	98	99	98
St. Louis, Mo. & Sub., Ill.....	39.9	14.8	37.6	14.8	97	90	94
Ozarks, Mo.-Ark.....	6.8	14.9	6.9	14.7	98	117	101
Three South Dakota areas.....	6.7	16.7	6.2	16.3	90	97	92
Nebraska-Western Iowa.....	30.3	14.2	29.7	14.1	97	101	98
Three Kansas areas.....	16.9	14.4	16.5	14.4	95	106	98
SOUTH ATLANTIC:							
Upper Chesapeake Bay, Md.....	23.6	16.1	24.0	15.4	112	85	102
Washington, D. C.....	55.2	15.9	57.0	15.8	102	105	103
Appalachian, Va.-W. Va.-Tenn....	1.7	16.7	1.7	17.1	105	97	102
Clarksbg. & Wheeling, W. Va.....	7.9	14.4	7.8	13.9	101	93	99
North Carolina-S.....	22.5	-	23.2	-	103	103	103
South Carolina-S.....	8.0	-	7.9	-	103	91	99
Southeastern Florida.....	44.8	14.8	44.0	14.2	99	97	98
EAST SOUTH CENTRAL:							
Two Kentucky-Indiana areas.....	23.7	15.5	23.7	15.4	99	101	100
Four Tennessee areas..... 2/	18.2	17.7	17.6	18.1	98	95	97
Mississippi-FS.....	11.4	16.8	11.2	17.1	96	104	98
WEST SOUTH CENTRAL:							
Central Arkansas.....	6.6	16.4	6.5	16.3	100	94	98
Two Louisiana areas.....	13.7	16.6	13.8	16.7	104	94	101
Okla. Met. & Red River Valley...	23.7	16.0	22.5	16.0	94	97	95
North Texas.....	30.2	17.5	31.2	17.8	98	114	103
Six Texas areas.....	37.8	16.0	36.6	16.4	95	104	97
MOUNTAIN:							
Two Colorado areas.....	30.2	14.8	28.9	14.7	95	99	96
Rio Grande, N. Mex.-Tex.-Colo...	14.7	15.1	14.8	15.3	97	112	100
Central Arizona.....	20.9	14.5	20.0	14.8	93	103	96
Great Basin, Utah-Nevada.....	14.7	20.8	14.3	19.7	94	100	97
PACIFIC:							
Inland Empire, Wash.-Ida.....	9.1	17.8	9.0	17.8	98	101	99
Puget Sound, Wash.....	46.9	17.7	46.1	17.9	95	104	98
California-S.....	434.5	15.4	421.1	15.3	96	100	97
Total 78 areas (69 Federal 9 State) 3/	1,997.9	15.5	1,957.0	15.4	97.4	99.1	98.0

2/ Memphis sales in Mississippi excluded. 3/ Computed from unrounded data. Average fat test for: Mixtures: 75 areas; Fluid cream - 76 areas; mixtures in Connecticut reported with other fluid cream.

Compiled from reports of Market Administrators and State milk control agencies.

Table 23.--Average daily receipts of milk from producers, number of producers, and average daily receipts per producer in certain Federal Order and State marketing areas, 1963-64^{1/}

Marketing area-F	Receipts from producers			Number of producers			Receipts per producer		
	1963	1964	1964 as % of 1963	1963	1964	1964 as % of 1963	1963	1964	1964 as % of 1963
NEW ENGLAND:	1,000	1,000							
	pounds	pounds	Percent	Number	Number	Percent	Pounds	Pounds	Percent
Massachusetts-Rhode Island...	8,886	8,890	100	11,513	10,680	93	772	832	108
Connecticut.....	2,907	3,050	105	2,552	2,438	96	1,139	1,251	110
MIDDLE ATLANTIC:									
Federal areas in New York...b	29,168	29,424	101	42,232	40,058	95	691	735	106
Niagara Frontier, New York-S...	2,399	2,420	101	2,668	2,493	93	899	971	108
Rochester, New York-S.....	1,005	1,010	100	942	886	94	1,067	1,139	107
New Jersey-S.....d	2,942	2,847	97	2,442	2,266	93	1,205	1,257	104
Phila. & Wilmington, Pa.-Del.	4,322	4,853	112	5,233	5,552	106	826	874	106
EAST NORTH CENTRAL:									
Four Northern Ohio areas.....	7,128	7,080	99	10,201	9,024	88	699	785	112
Three Southern Ohio areas.....	4,222	4,544	108	6,251	6,222	100	675	730	108
Three Indiana areas.....	3,844	4,162	108	5,217	5,189	99	737	802	109
Chicago, Ill.....	16,268	16,427	101	17,474	16,375	94	931	1,003	108
Rock River Valley, Ill.....	336	348	104	324	331	102	1,037	1,051	101
Muskegon, Michigan.....	325	340	105	429	377	88	758	902	119
Three Michigan areas.....	10,543	11,118	105	14,454	13,605	94	729	817	112
Three Wisconsin areas.....	4,129	4,359	106	4,232	4,144	98	976	1,052	108
WEST NORTH CENTRAL:									
Two Minnesota areas.....	3,479	3,484	100	4,434	4,103	93	785	849	108
Five Iowa areas.....	3,146	3,212	102	3,518	3,310	94	894	970	109
Kans.City & St.Jos.,Mo.-Kans.	2,232	2,330	104	2,550	2,470	97	875	943	108
St. Louis, Mo. & Suburb., Ill.	3,131	3,273	105	4,437	4,268	96	706	767	109
Ozarks, Mo.-Ark.....	667	712	107	1,036	1,058	102	644	673	105
Three South Dakota areas.....	568	620	109	561	557	99	1,012	1,113	110
Nebraska-Western Iowa.....	1,373	1,464	107	1,563	1,525	98	878	960	109
Three Kansas areas.....	1,250	1,333	107	1,451	1,404	97	861	949	110
SOUTH ATLANTIC:									
Upper Chesapeake Bay, Md.....	2,065	2,148	104	2,263	2,239	99	913	959	105
Washington, D. C.....	2,747	2,750	100	2,125	1,996	94	1,293	1,378	107
Appalachian, Va.,-W. Va.-Tenn.	674	710	105	832	820	99	810	866	107
Clarksbg. & Wheeling, W. Va...	665	686	103	1,192	1,132	95	558	606	109
Tri-State Ky.-Ohio-W. Va.....	1,007	1,131	112	1,804	1,776	98	558	637	114
North Carolina-S.....d	2,850	2,938	103	3,246	3,022	93	878	972	111
South Carolina-S.....d	1,129	1,142	101	935	862	92	1,208	1,325	110
Southeastern Florida.....	1,388	1,395	101	92	86	93	15,087	16,221	108
EAST SOUTH CENTRAL:									
Two Kentucky-Indiana areas...	2,590	2,639	102	3,712	3,584	97	698	736	105
Four Tennessee areas.....b	2,602	2,726	105	3,533	3,418	97	736	798	108
Mississippi-FS.....d	1,927	1,981	103	2,750	2,556	93	701	775	111
WEST SOUTH CENTRAL:									
Fort Smith, Ark.....	127	132	104	158	149	94	804	886	110
Central Arkansas.....	558	582	104	820	784	96	680	742	109
Two Louisiana areas.....b	1,296	1,384	107	1,719	1,661	97	754	833	110
Okla. Met. & Red River Valley	2,141	2,152	101	2,483	2,341	94	862	919	107
North Texas.....	2,694	2,834	105	2,306	2,140	93	1,168	1,324	113
Six Texas areas.....	2,736	2,843	104	2,005	1,892	94	1,365	1,503	110
MOUNTAIN:									
Two Colorado areas.....	1,631	1,740	107	1,401	1,582	113	1,164	1,100	95
Colorado Springs-Pueblo, Colo.	196	171	87	167	164	98	1,174	1,043	89
Rio Grande, N. Mex.-Tex.-Colo.	849	874	103	373	387	104	2,276	2,258	99
Central Arizona.....	1,302	1,365	105	277	257	93	4,700	5,311	113
Great Basin, Utah-Nevada.....	1,176	1,145	97	1,120	1,090	97	1,050	1,050	100

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(Continued from page 31)

Table 23--Average daily receipts of milk from producers, number of producers, and average daily receipts per producer in certain Federal Order and State marketing areas, 1963-64 a/

Marketing area-F	Receipts from producers			Number of producers			Receipts per producer		
	1963	1964	1964 as % of 1963	1963	1964	1964 as % of 1963	1963	1964	1964 as % of 1963
PACIFIC:	1,000 pounds	1,000 pounds	Percent	Number	Number	Percent	Pounds	Pounds	Pounds
Inland Empire, Wash.-Ida.....	484	499	103	602	569	95	804	877	109
Puget Sound, Wash.....	3,395	3,447	102	2,914	2,729	94	1,165	1,263	108
Total 85 areas (77 Federal 8 State)	152,499	156,714	102.8	184,543	175,571	95.1	826	893	108.1

F- Federal Order unless otherwise noted; S- From State sources; FS- From Federal and State sources.

a. Quantities include receipts of milk from producers by handlers regulated in the respective marketing areas; data are revised for earliest date shown, preliminary for others. See below for area combinations.

b. Federal totals less State data on receipts from New Jersey or Mississippi producers where applicable.

d. Plant receipts of Grade A milk from producers in the State.

Compiled from reports of Market Administrators and State milk control agencies.

AREA COMBINATIONS IN SALES AND RECEIPTS TABLES

The following marketing areas have been combined in tables of this report: Northern Ohio - North Central, Northeastern, Toledo and Youngstown-Warren; Southern Ohio - Cincinnati, Columbus, and Dayton-Springfield, Indiana - Fort Wayne, Indianapolis and South Bend-LaPorte-Elkhart; Michigan - Southern, Upper Peninsula and Upstate; Wisconsin - Madison, Milwaukee and Northeastern; Minnesota - Duluth-Superior and Minneapolis-St. Paul; Iowa - Cedar Rapids-Iowa City, Des Moines, North Central, Quad Cities-Dubuque and Sioux City; South Dakota - Black Hills, Eastern and Sioux Falls-Mitchell; Kansas - Neosho Valley, Southwest and Wichita; Kentucky-Indiana - Paducah and Louisville-Lexington-Evansville; Tennessee-Chattanooga, Knoxville, Memphis and Nashville; Mississippi - Central, Delta, Gulf and Northeast; Louisiana - New Orleans and Northern; Texas - Austin-Waco, Corpus Christi, Central West, Lubbock-Plainview, Panhandle and San Antonio; and Colorado - Eastern and Western.